

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109119.D
 Acq On : 19 Sep 2018 2:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 04:06:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102727	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	344075	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	137404	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	272478	20.00	ng	0.00
75) Chrysene-d12	13.86	240	295247	20.00	ng	0.00
86) Perylene-d12	15.26	264	263987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	504592	81.58	ng	0.00
7) Phenol-d6	6.36	99	594815	74.58	ng	0.00
23) Nitrobenzene-d5	7.28	82	525852	85.72	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	132490	88.85	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	836311	95.36	ng	0.00
78) Terphenyl-d14	12.81	244	817121	65.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	115506	39.232	ng	94
3) Pyridine	3.08	79	266871	34.193	ng	90
4) n-Nitrosodimethylamine	3.01	42	124738	42.318	ng	# 94
6) Aniline	6.38	93	379378	36.803	ng	97
8) 2-Chlorophenol	6.51	128	266521	38.505	ng	97
9) Benzaldehyde	6.27	77	203399	39.932	ng	97
10) Phenol	6.37	94	331062	36.892	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	273246	38.704	ng	95
12) 1,3-Dichlorobenzene	6.67	146	317098	40.059	ng	99
13) 1,4-Dichlorobenzene	6.74	146	318359	40.090	ng	98
14) 1,2-Dichlorobenzene	6.90	146	293958	39.929	ng	99
15) Benzyl Alcohol	6.87	79	224275	37.041	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	368774	36.457	ng	94
17) 2-Methylphenol	6.98	107	201288	35.645	ng	98
18) Hexachloroethane	7.24	117	94648	32.817	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	185345	35.159	ng	99
20) 3+4-Methylphenols	7.14	107	240408	35.348	ng	# 69
22) Acetophenone	7.13	105	335788	42.973	ng	# 94
24) Nitrobenzene	7.30	77	268152	42.397	ng	97
25) Isophorone	7.54	82	409714	38.854	ng	97
26) 2-Nitrophenol	7.62	139	74432	25.203	ng	99
27) 2,4-Dimethylphenol	7.66	122	183001	39.502	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	290321	40.912	ng	99
29) 2,4-Dichlorophenol	7.86	162	183708	37.213	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	218207	40.890	ng	97
31) Naphthalene	8.02	128	646831	40.503	ng	99
32) Benzoic acid	7.77	122	35437	11.707	ng	95
33) 4-Chloroaniline	8.07	127	267152	37.624	ng	100
34) Hexachlorobutadiene	8.15	225	138534	42.523	ng	99
35) Caprolactam	8.43	113	52419	32.569	ng	# 85
36) 4-Chloro-3-methylphenol	8.55	107	179615	34.562	ng	98
37) 2-Methylnaphthalene	8.72	142	382993	36.790	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	195292	45.158	ng	97
40) Hexachlorocyclopentadiene	8.88	237	8442	3.874	ng	98

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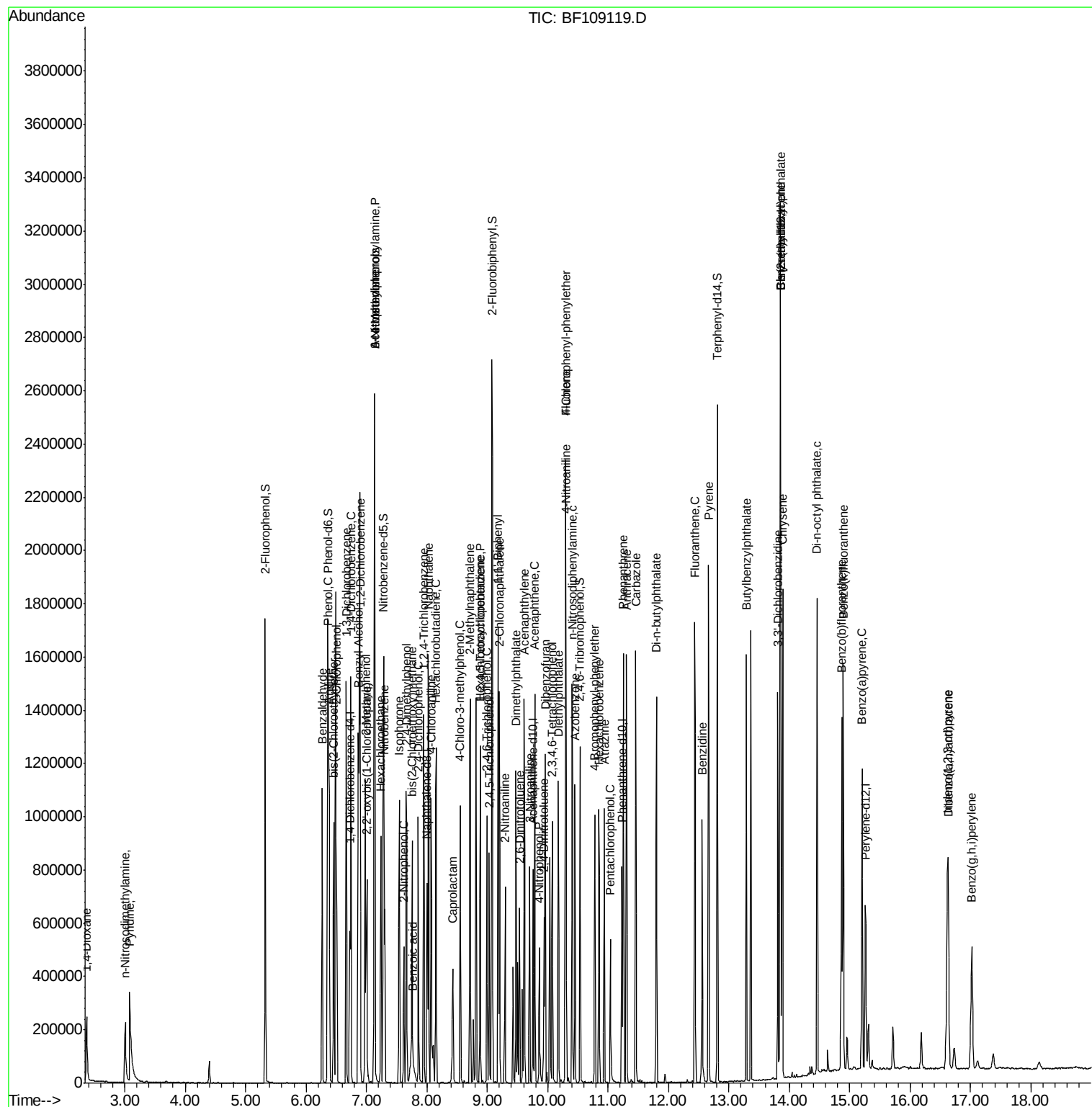
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	124412	42.800	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	134591	44.308	nq	98
45) 1,1'-Biphenyl	9.18	154	482330	43.877	nq	99
46) 2-Chloronaphthalene	9.20	162	374786	42.571	nq	98
47) 2-Nitroaniline	9.30	65	115349	42.620	nq	96
48) Acenaphthylene	9.61	152	544417	41.015	nq	99
49) Dimethylphthalate	9.48	163	416082	42.368	nq	99
50) 2,6-Dinitrotoluene	9.54	165	79722	36.605	nq	92
51) Acenaphthene	9.79	154	320972	38.834	nq	99
52) 3-Nitroaniline	9.70	138	110662	43.151	nq	98
54) Dibenzofuran	9.96	168	482706	40.414	nq	100
55) 4-Nitrophenol	9.86	139	71848	38.025	nq	97
56) 2,4-Dinitrotoluene	9.94	165	99518	34.940	nq	97
57) Fluorene	10.30	166	334469	42.021	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	111920	44.497	nq	# 88
59) Diethylphthalate	10.18	149	400545	40.389	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	180991	42.465	nq	93
61) 4-Nitroaniline	10.31	138	111063	45.583	nq	98
62) Azobenzene	10.45	77	395146	38.925	nq	93
65) n-Nitrosodiphenylamine	10.41	169	348031	39.048	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	119112	38.776	nq	94
67) Hexachlorobenzene	10.85	284	132591	40.353	nq	93
68) Atrazine	10.94	200	106931	37.478	nq	96
69) Pentachlorophenol	11.04	266	72828	34.644	nq	99
70) Phenanthrene	11.25	178	559987	41.925	nq	99
71) Anthracene	11.31	178	568325	41.974	nq	100
72) Carbazole	11.46	167	579464	43.233	nq	99
73) Di-n-butylphthalate	11.80	149	643031	40.985	nq	99
74) Fluoranthene	12.44	202	677198	48.025	nq	98
76) Benzidine	12.56	184	392047	37.512	nq	98
77) Pyrene	12.67	202	715631	32.632	nq	99
79) Butylbenzylphthalate	13.29	149	333700	34.068	nq	97
80) Benzo(a)anthracene	13.85	228	684230	38.278	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	275096	38.138	nq	96
82) Chrysene	13.89	228	690926	38.633	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	441102	37.192	nq	100
84) Di-n-octyl phthalate	14.46	149	848360	42.177	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	456048	31.896	nq	# 93
87) Benzo(b)fluoranthene	14.87	252	591855	40.526	nq	98
88) Benzo(k)fluoranthene	14.89	252	594067	43.551	nq	# 97
89) Benzo(a)pyrene	15.21	252	524194	40.417	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	389240	35.722	nq	# 95
91) Benzo(g,h,i)perylene	17.02	276	363358	33.354	nq	# 93

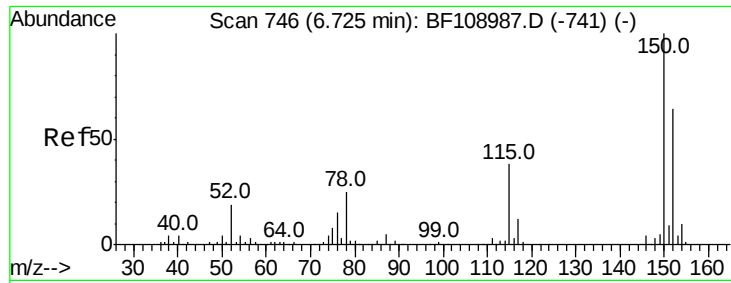
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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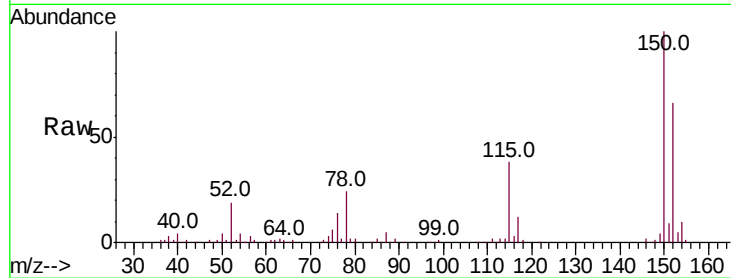


#1

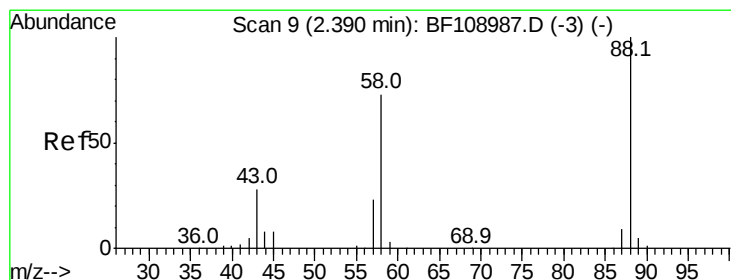
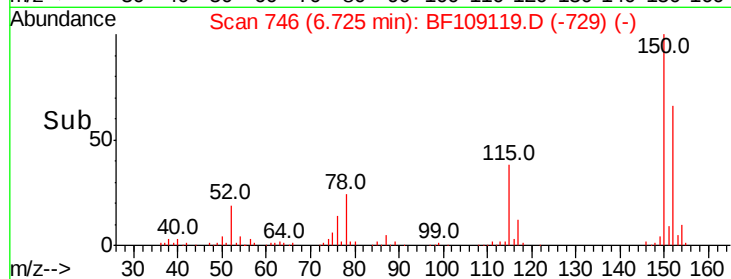
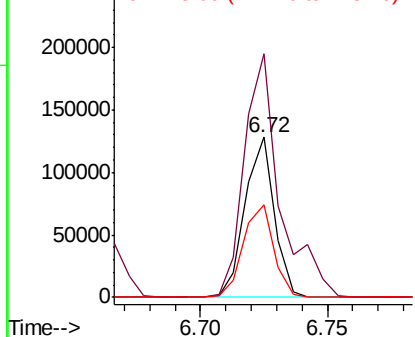
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102727
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 58.2 50.1 75.1



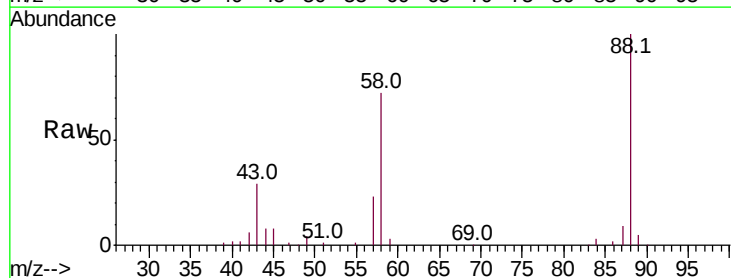
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



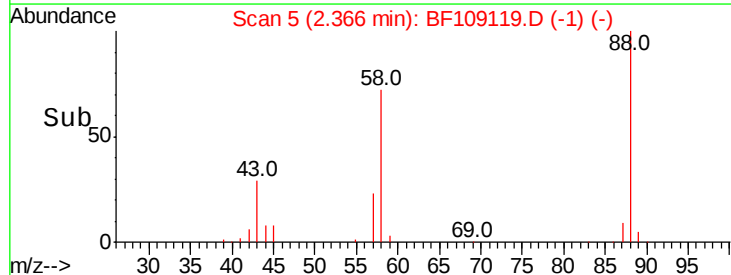
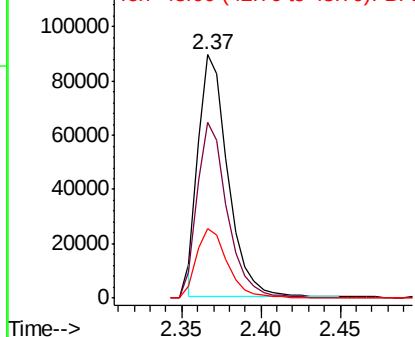
#2

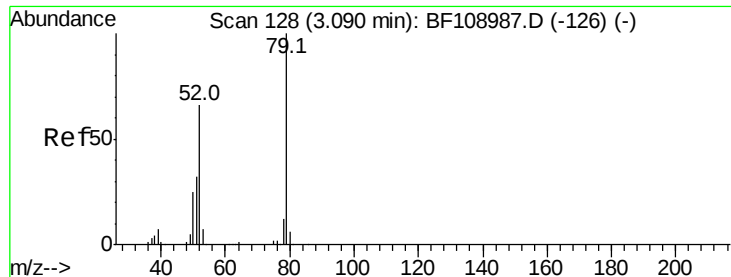
1,4-Dioxane
Concen: 39.232 ng
RT: 2.37 min Scan# 5
Delta R.T. -0.02 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion: 88 Resp: 115506
Ion Ratio Lower Upper
88 100
58 72.2 62.6 93.8
43 29.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.193 ng

RT: 3.08 min Scan# 126

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

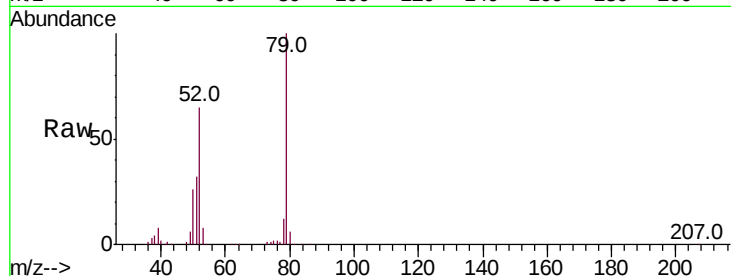
Tot Ion: 79 Resp: 266871

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

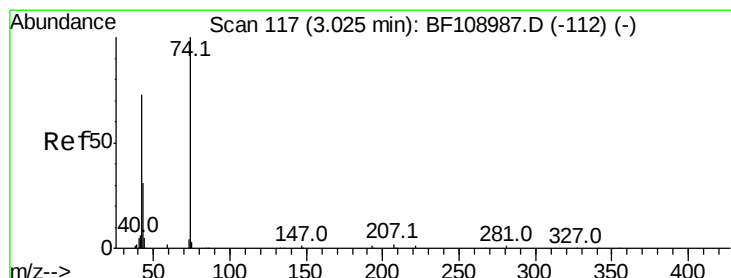
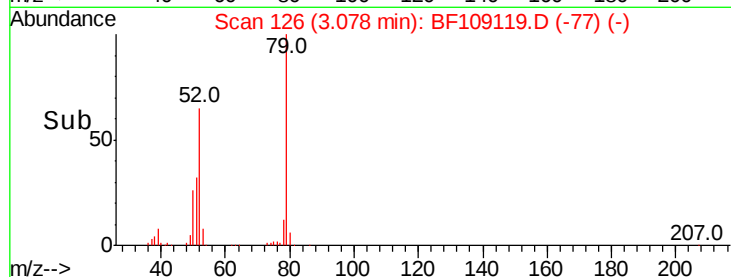
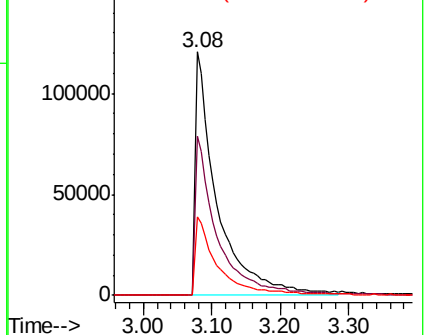
51 32.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.318 ng

RT: 3.01 min Scan# 114

Delta R.T. -0.02 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

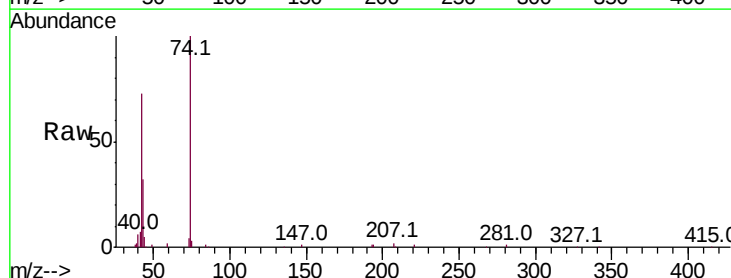
Tgt Ion: 42 Resp: 124738

Ion Ratio Lower Upper

42 100

74 137.9 104.9 157.3

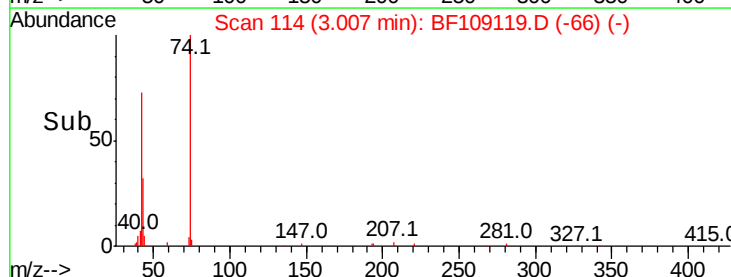
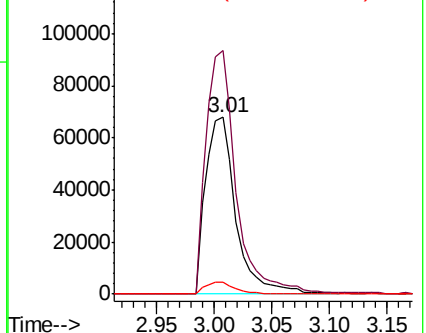
44 6.4 6.9 10.3#

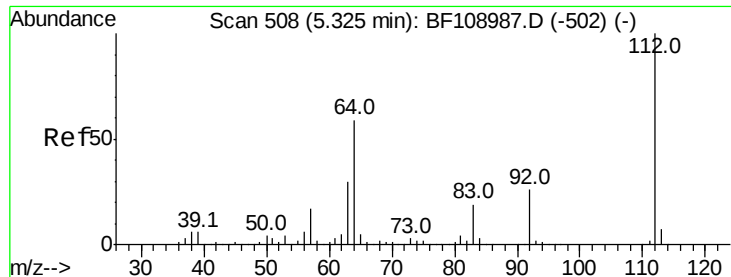


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.582 ng

RT: 5.32 min Scan# 508

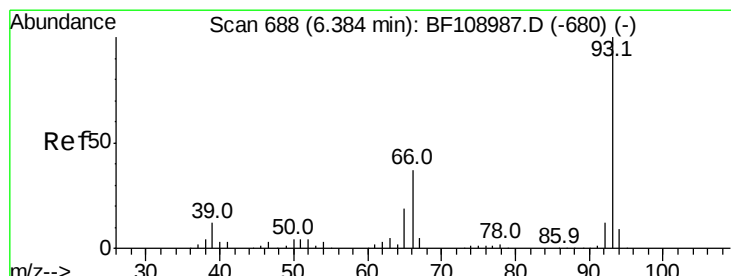
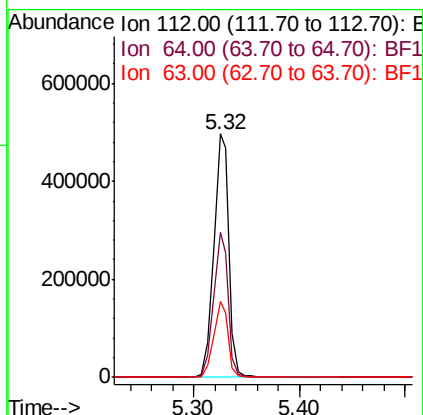
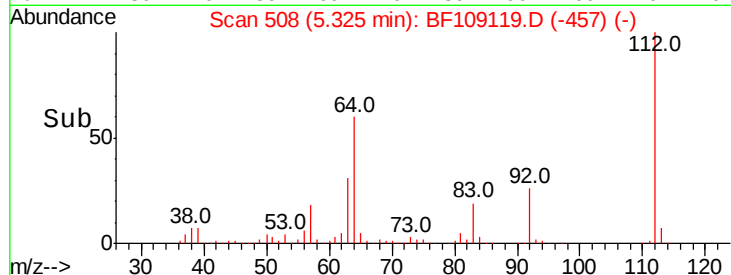
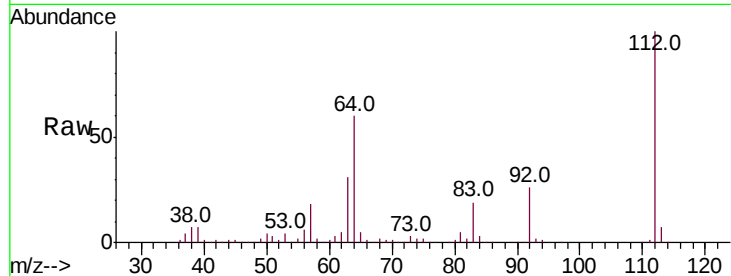
Delta R.T. 0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	504592
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.9	71.9
63	31.2	23.7	35.5



#6

Aniline

Concen: 36.803 ng

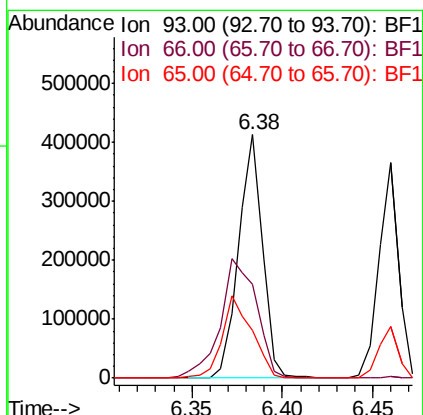
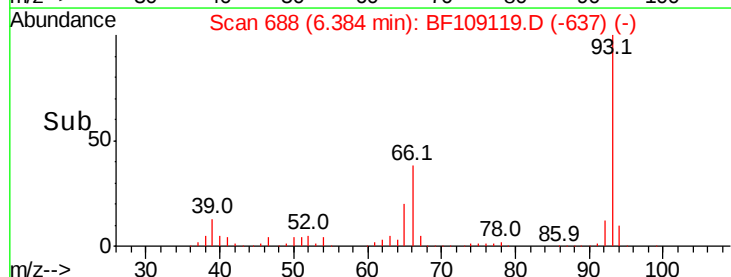
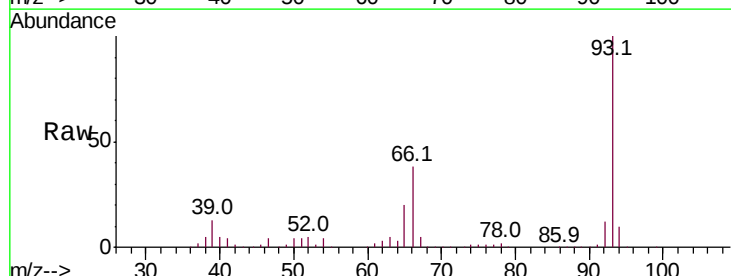
RT: 6.38 min Scan# 688

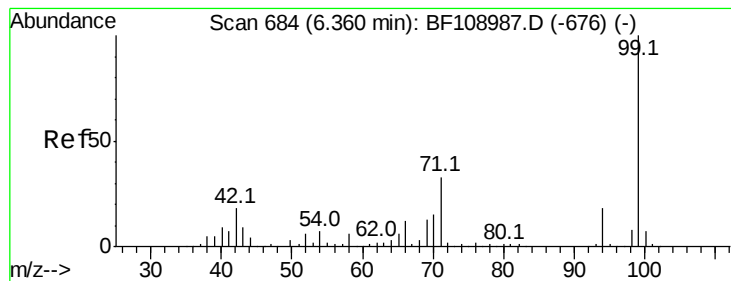
Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Tgt Ion:	93	Resp:	379378
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.2	48.2
65	19.5	16.4	24.6





#7

Phenol-d6

Concen: 74.582 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

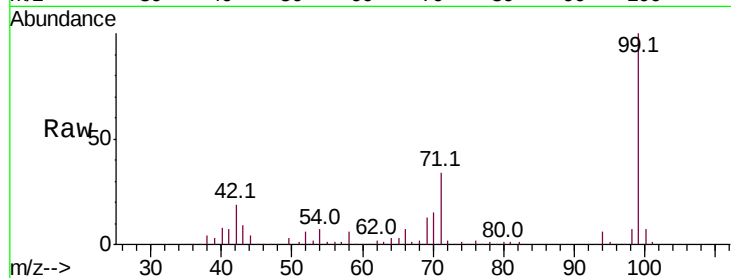
Tot Ion: 99 Resp: 594815

Ion Ratio Lower Upper

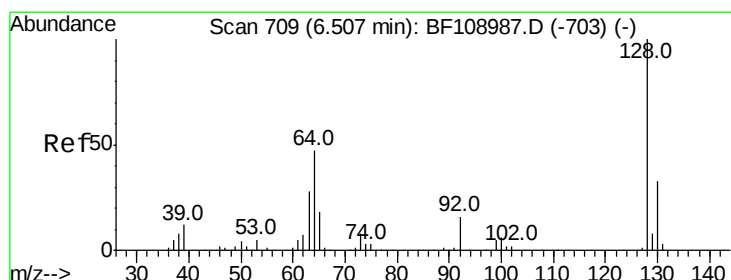
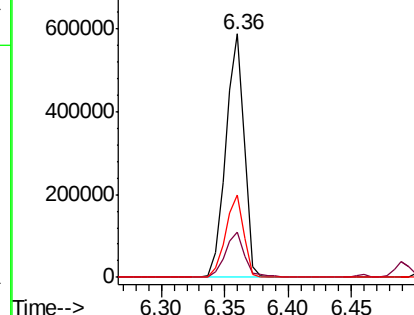
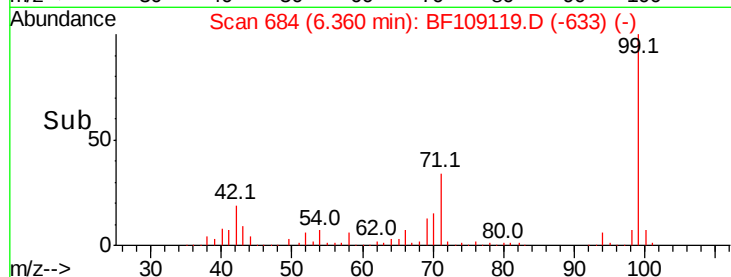
99 100

42 18.6 14.5 21.7

71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.505 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

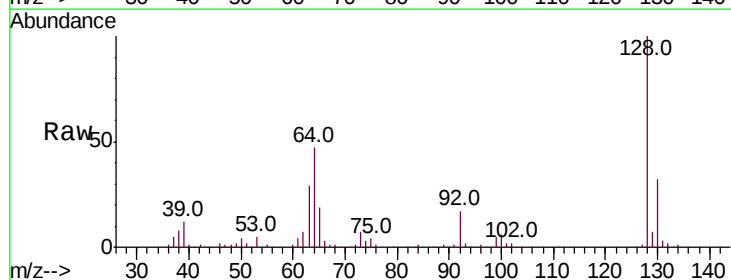
Tgt Ion: 128 Resp: 266521

Ion Ratio Lower Upper

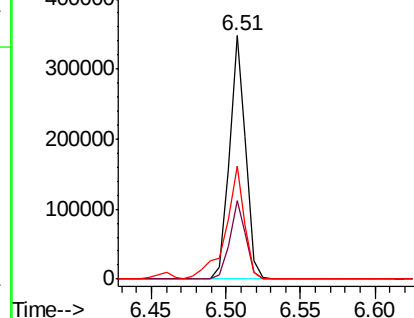
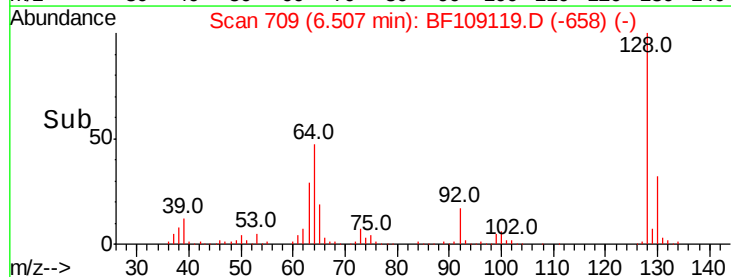
128 100

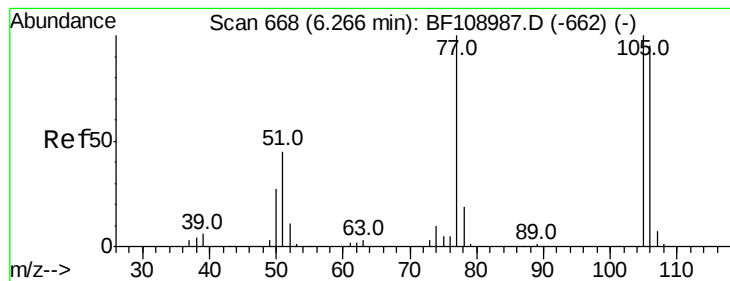
130 32.0 13.0 53.0

64 46.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.932 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109119.D

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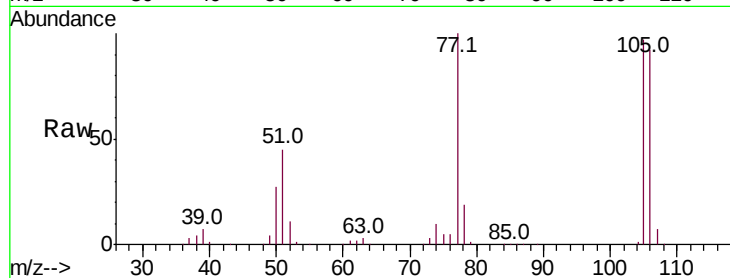
Tot Ion: 77 Resp: 203399

Ion Ratio Lower Upper

77 100

105 96.8 81.1 121.1

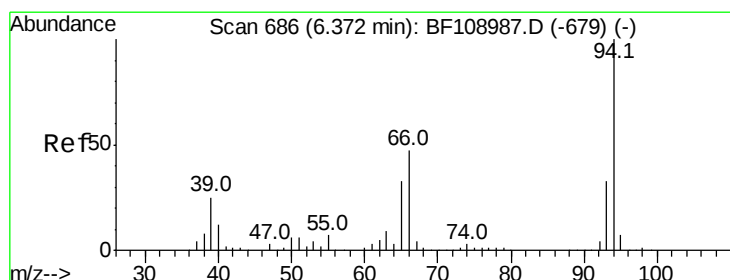
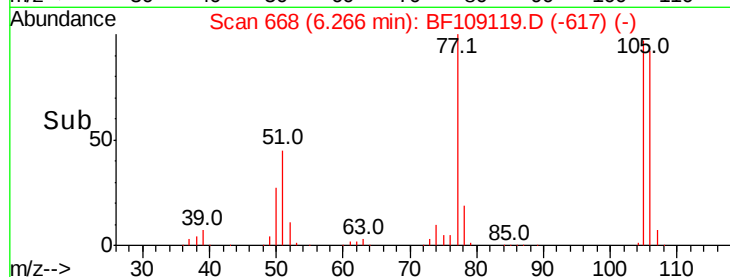
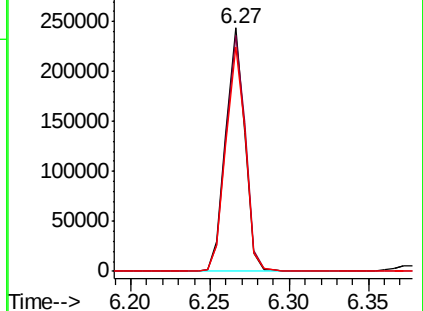
106 92.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.892 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

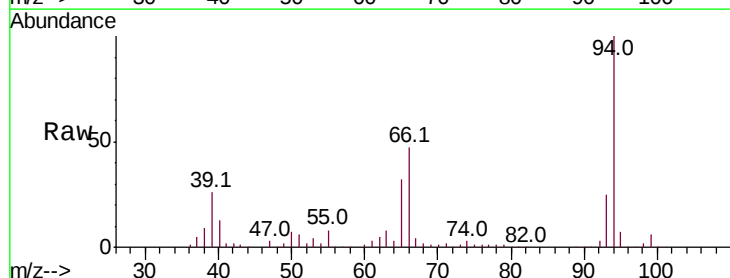
Tgt Ion: 94 Resp: 331062

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

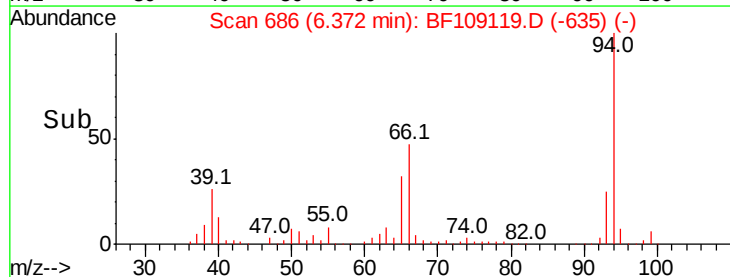
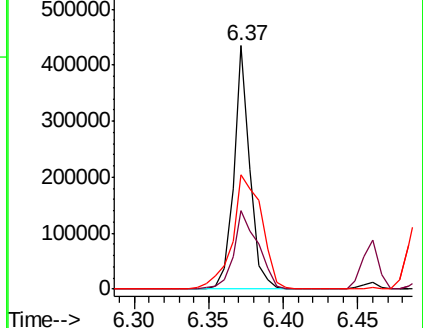
66 46.8 16.2 56.2

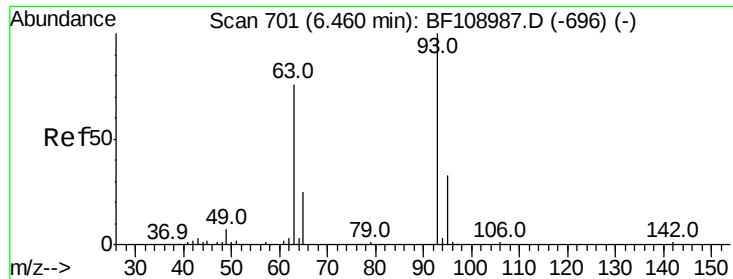


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

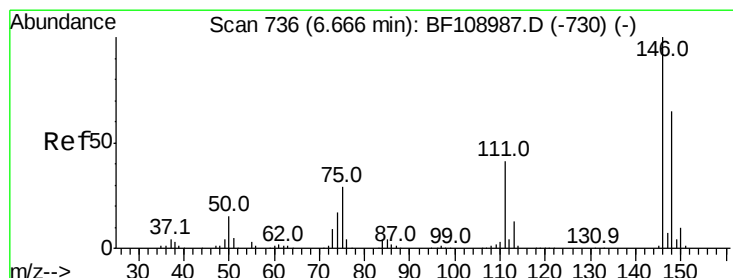
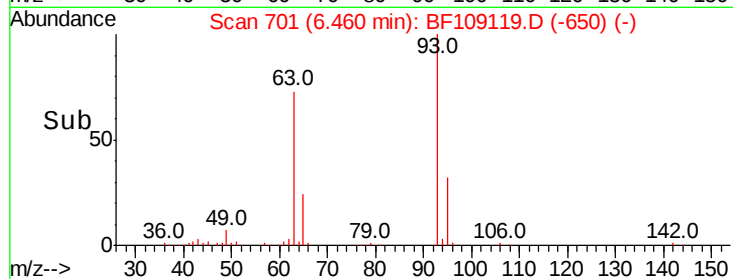
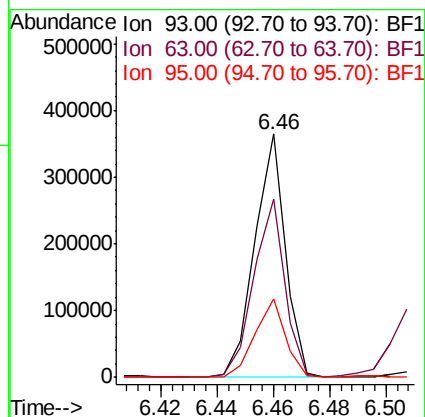
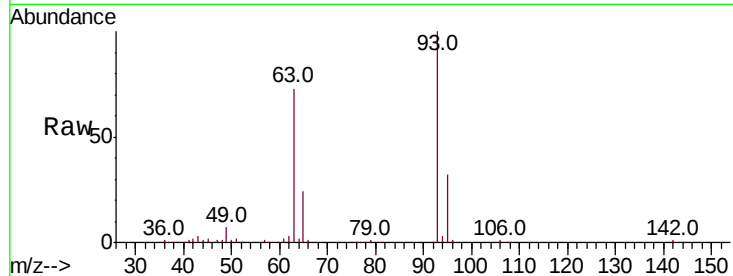




#11
bis(2-Chloroethyl)ether
Concen: 38.704 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

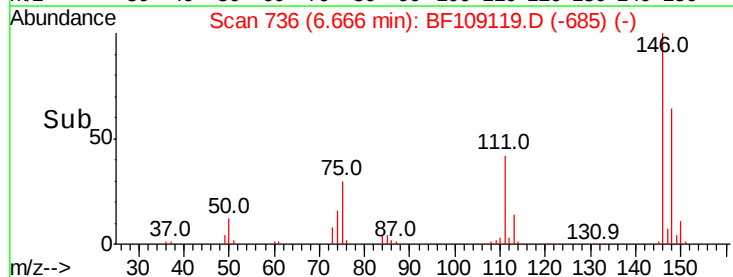
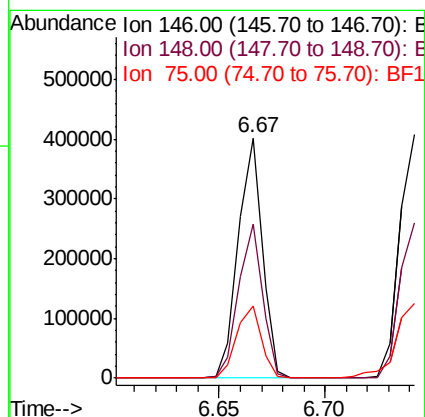
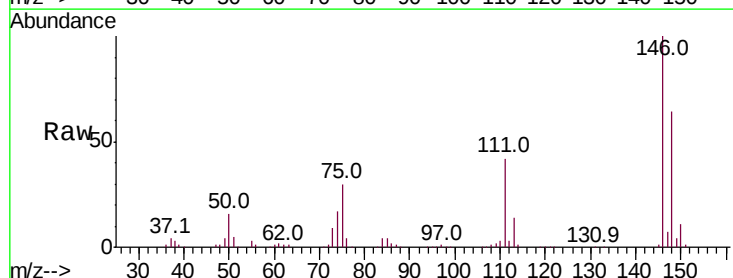
Instrument :
BNA_F
ClientSampleId :

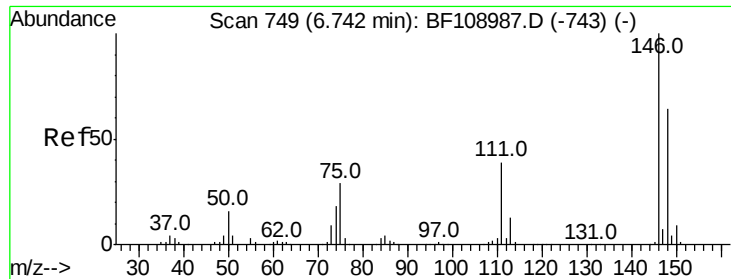
Tot Ion: 93 Resp: 273246
Ion Ratio Lower Upper
93 100
63 73.1 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.059 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion: 146 Resp: 317098
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.2 24.2 36.4

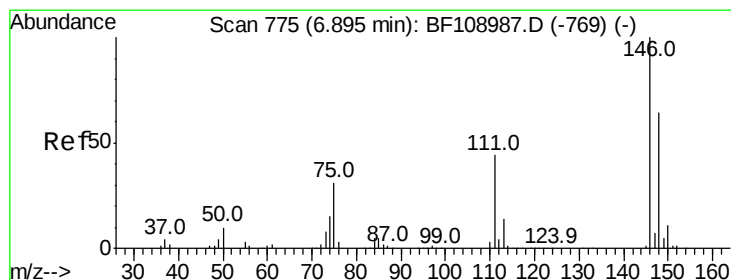
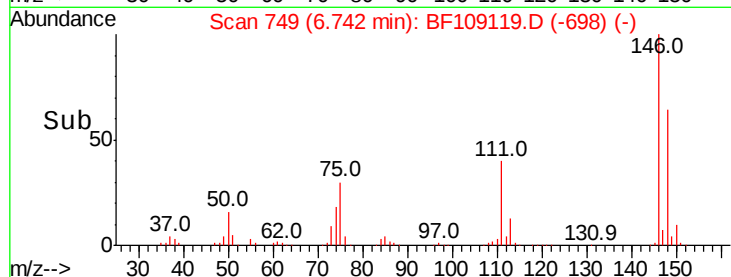
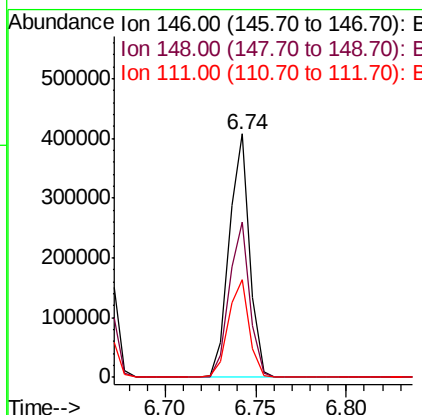
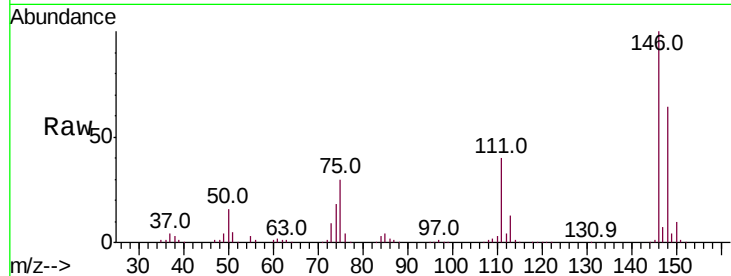




#13
 1,4-Dichlorobenzene
 Concen: 40.090 ng
 RT: 6.74 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

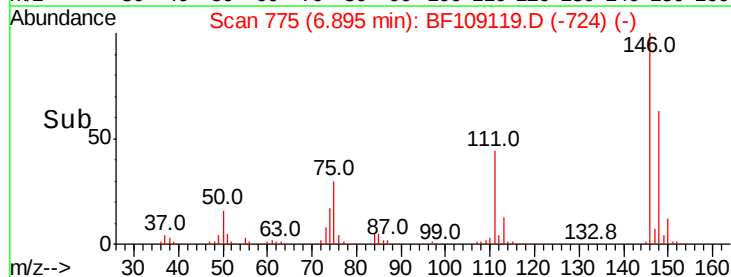
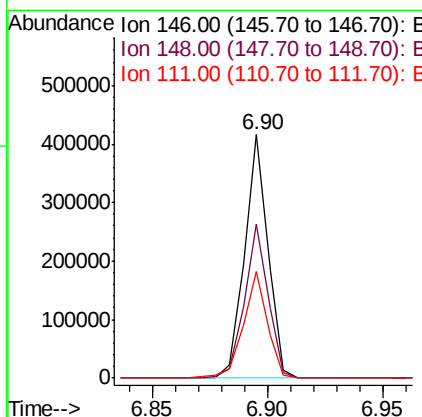
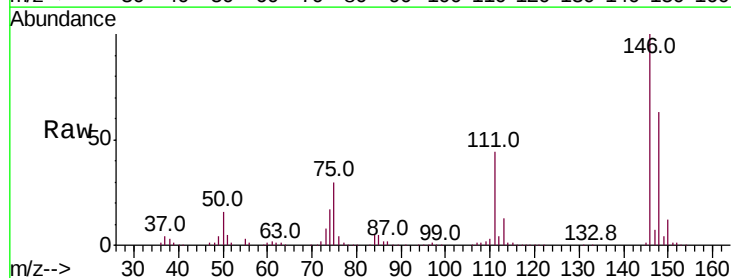
Instrument :
 BNA_F
 ClientSampled :

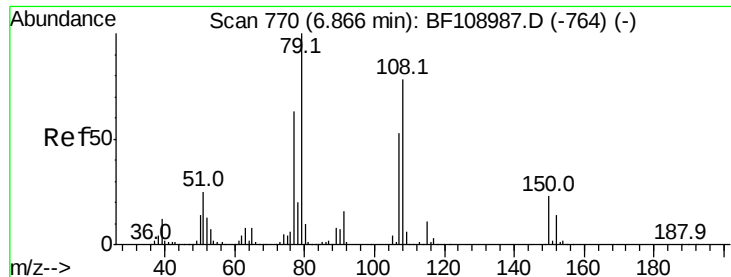
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	40.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.929 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	43.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.041 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

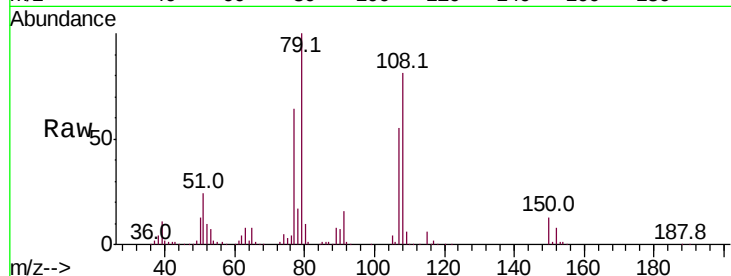
Tot Ion: 79 Resp: 224275

Ion Ratio Lower Upper

79 100

108 81.2 65.1 97.7

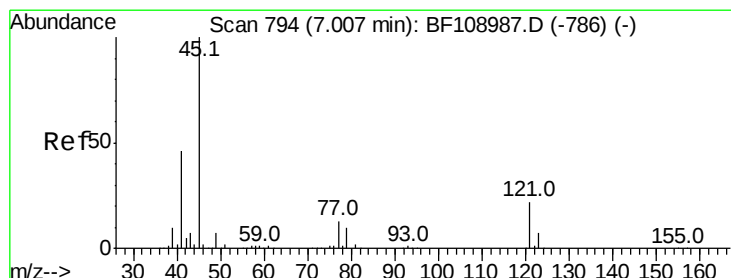
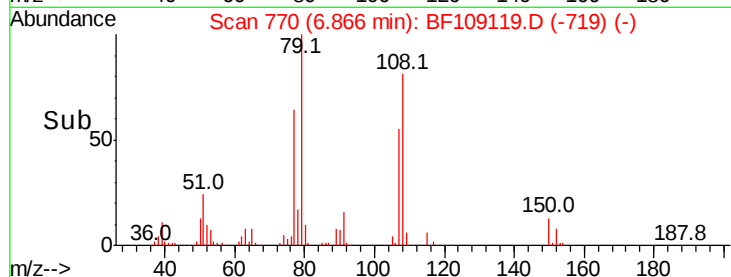
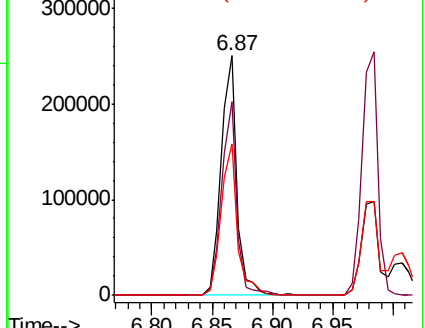
77 63.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.457 ng

RT: 7.01 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

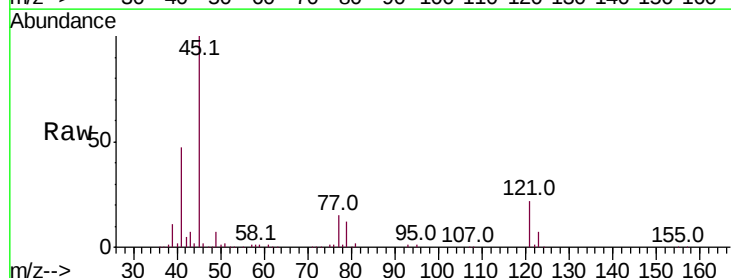
Tgt Ion: 45 Resp: 368774

Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.9

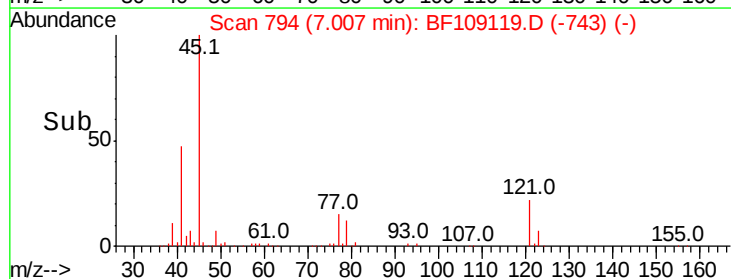
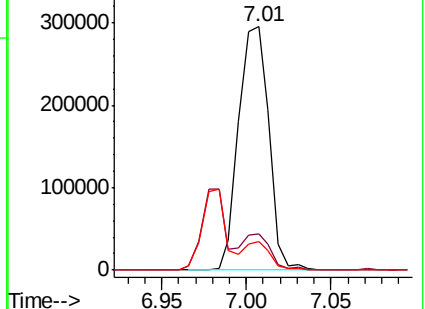
79 11.6 0.0 29.6

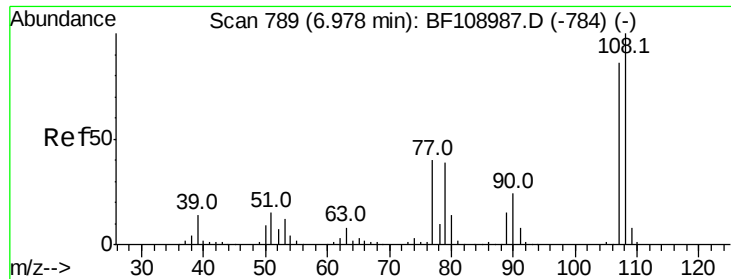


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

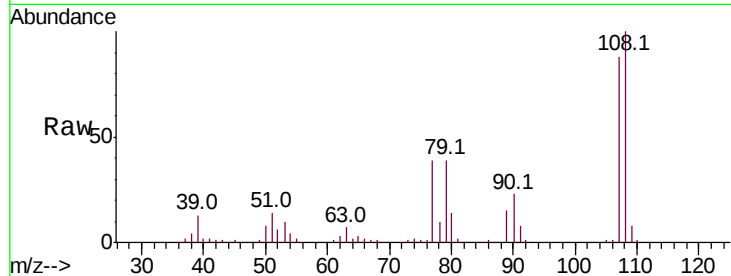




#17
2-Methylphenol
Concen: 35.645 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	43.6	33.8	50.8
79	43.6	33.8	50.8



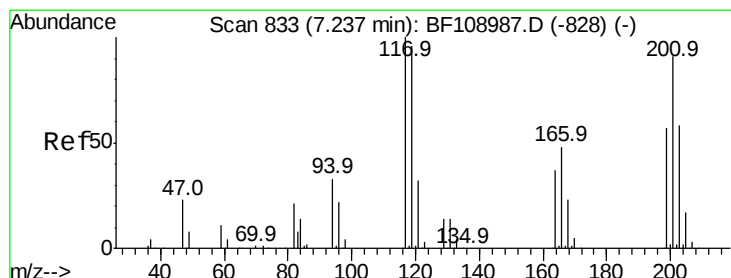
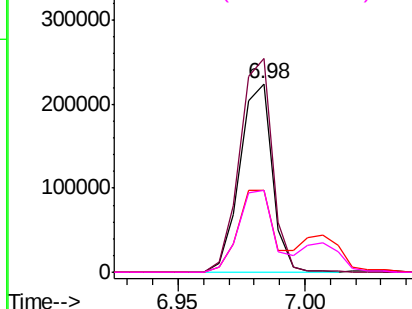
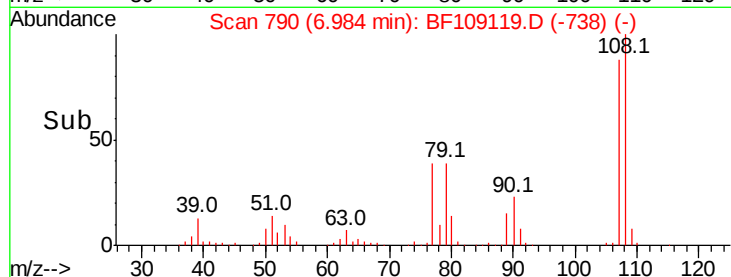
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

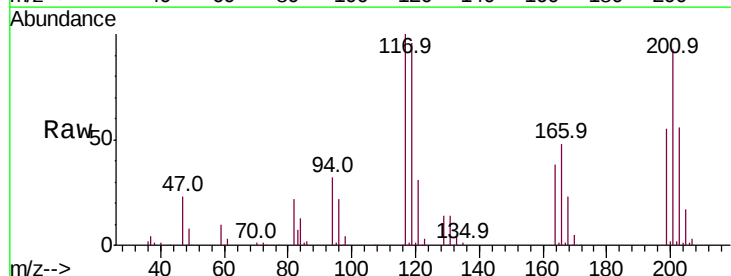
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.817 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	93.3	75.7	113.5

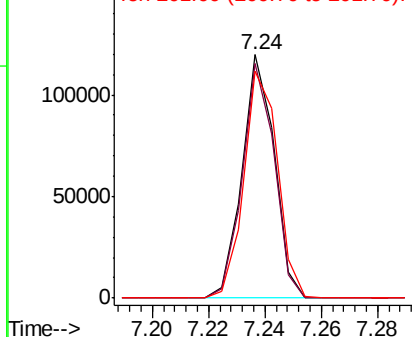
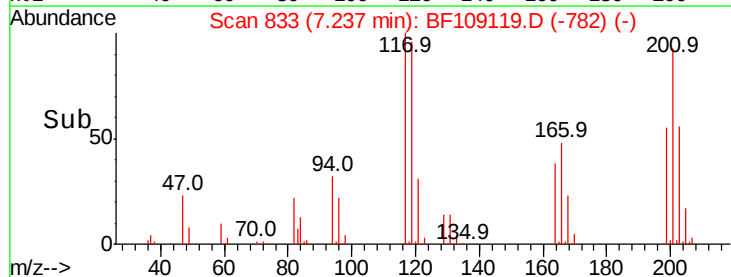


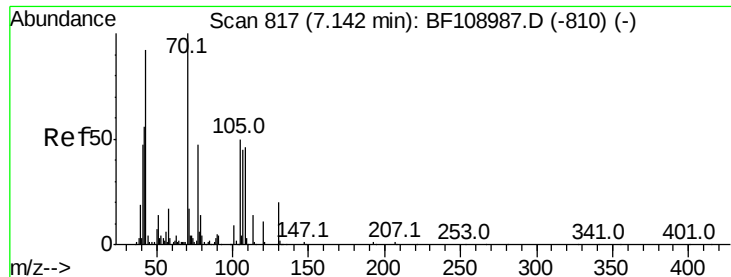
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

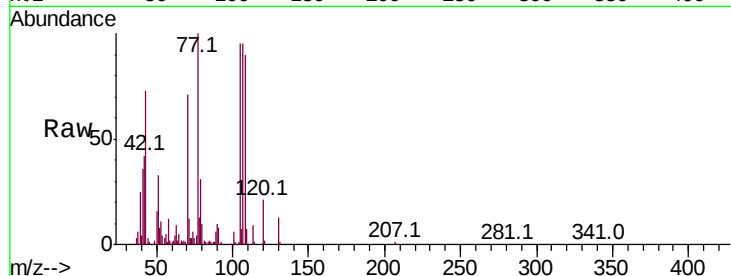




#19
n-Nitroso-di-n-propylamine
Concen: 35.159 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	185345
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	8.9	7.4	11.2
130	18.7	16.6	25.0



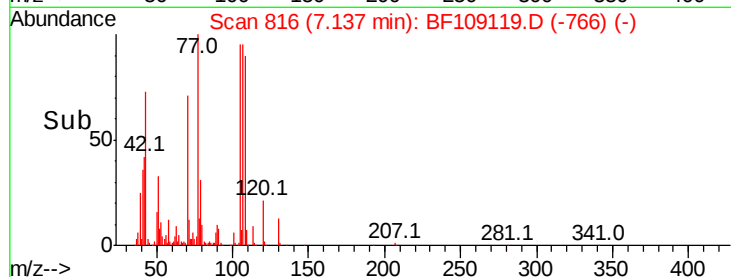
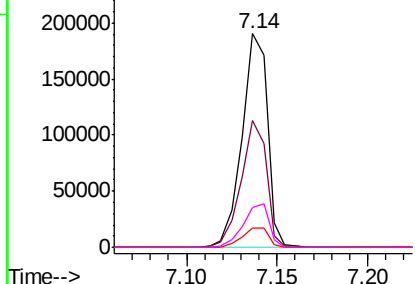
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

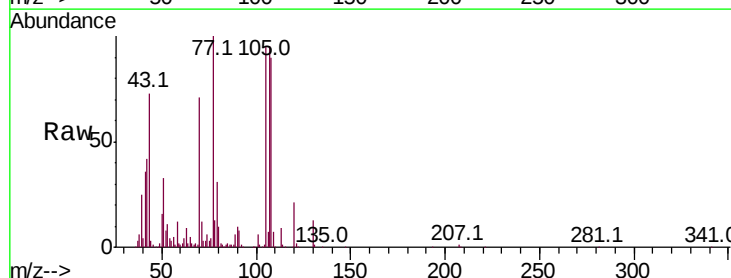
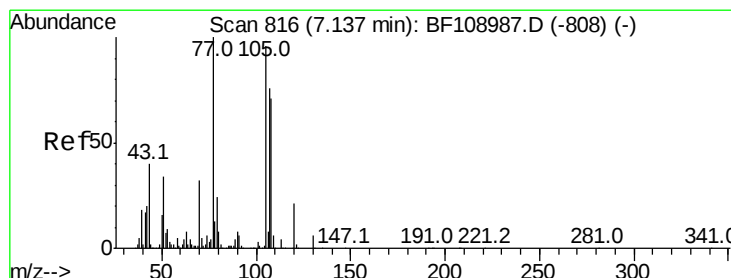
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 35.348 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion:	107	Resp:	240408
Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.2	108.2
77	105.1	26.7	66.7#
79	32.6	6.3	46.3



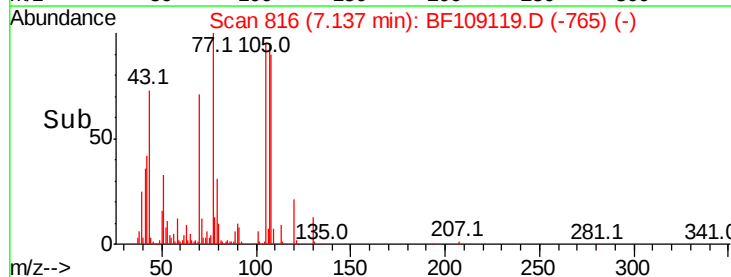
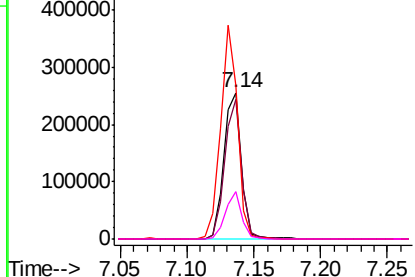
Abundance

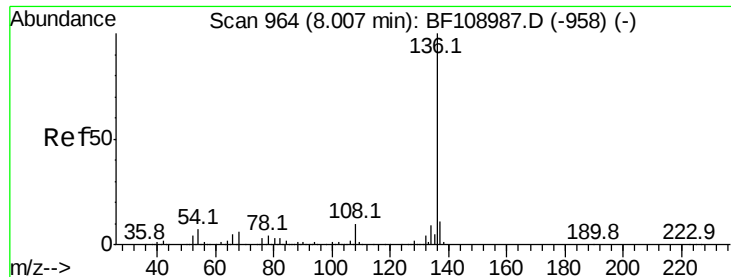
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 344075

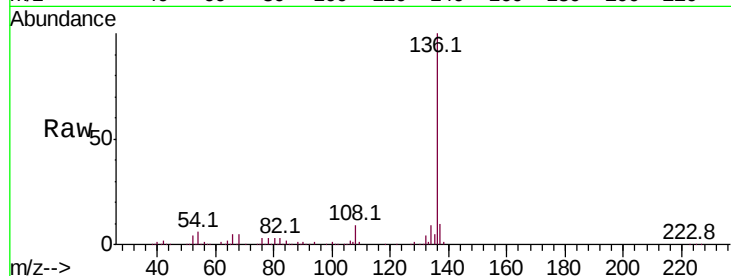
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

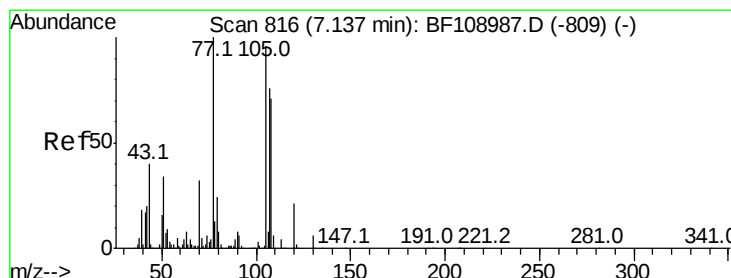
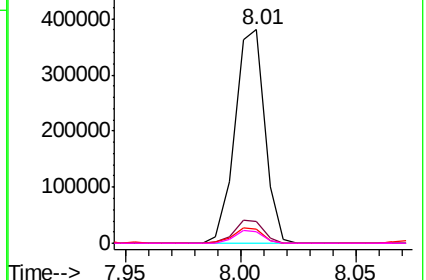
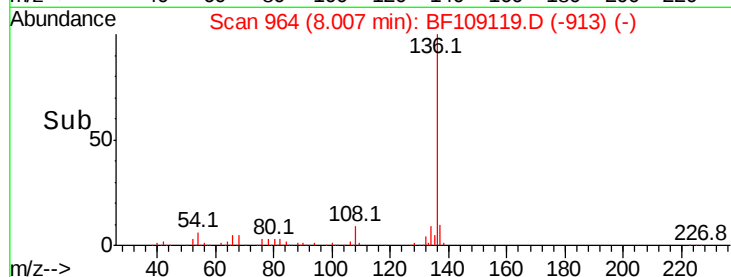


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.973 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Tgt Ion:105 Resp: 335788

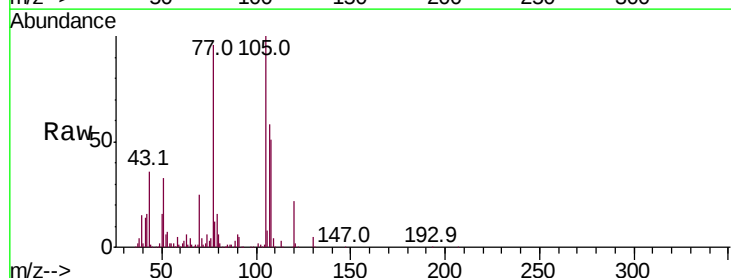
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 33.3 22.3 33.5

120 21.7 16.9 25.3

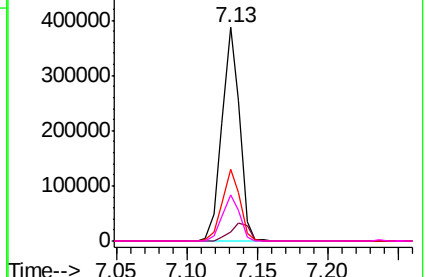
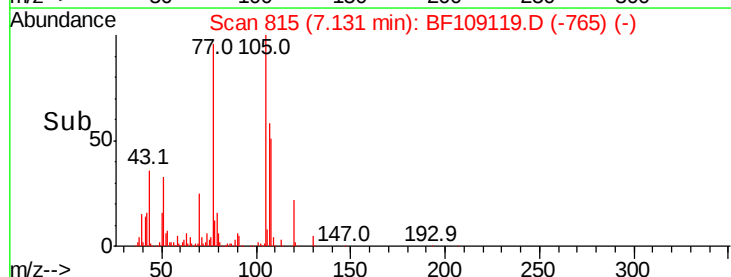


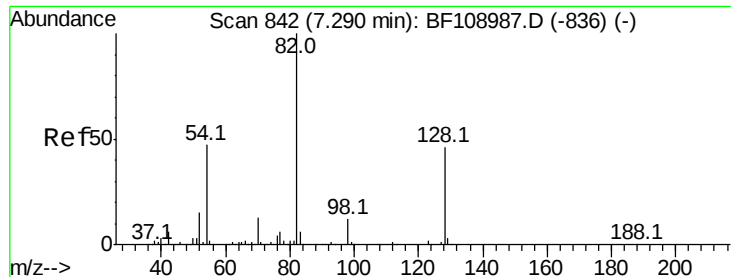
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

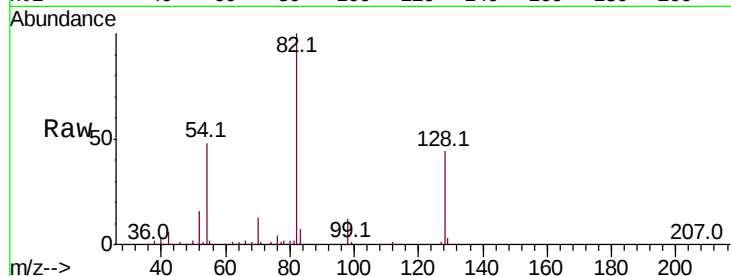




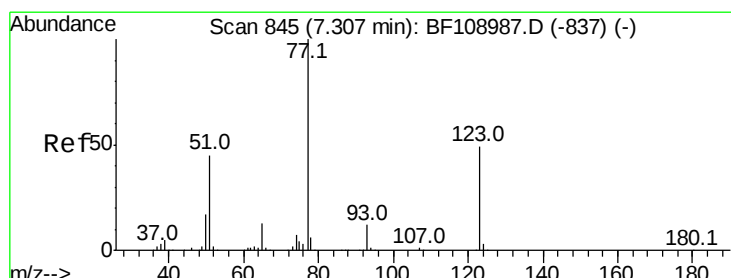
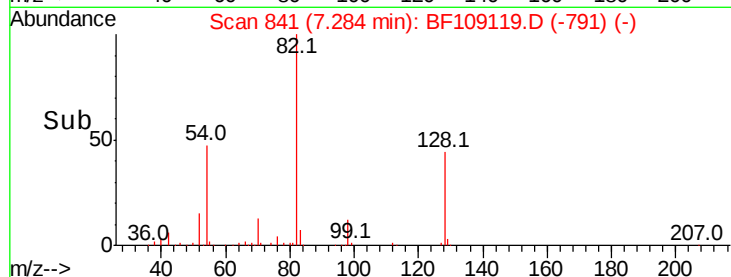
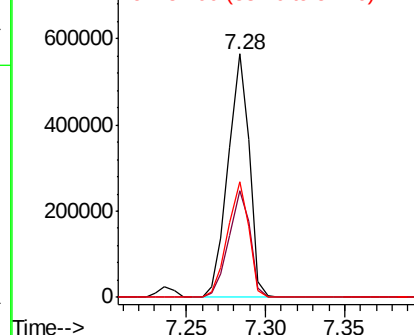
#23
 Nitrobenzene-d5
 Concen: 85.720 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 525852
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 47.6 41.4 62.2

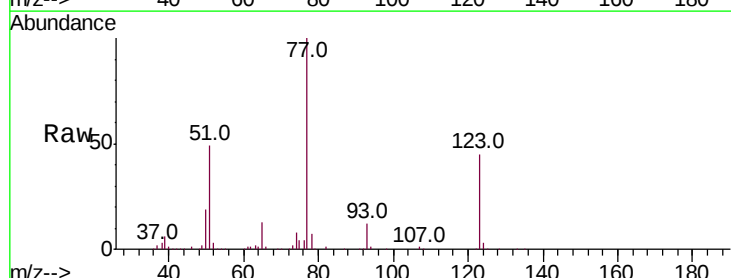


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

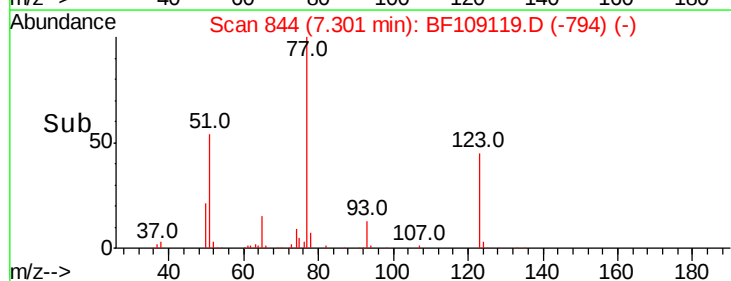
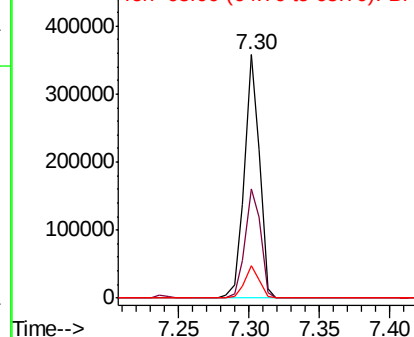


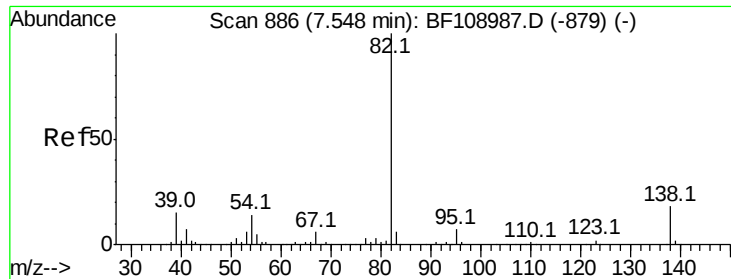
#24
 Nitrobenzene
 Concen: 42.397 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion: 77 Resp: 268152
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

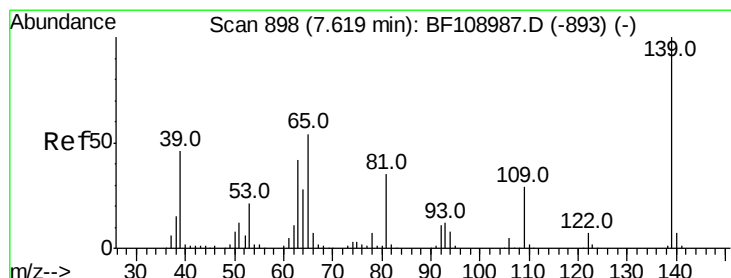
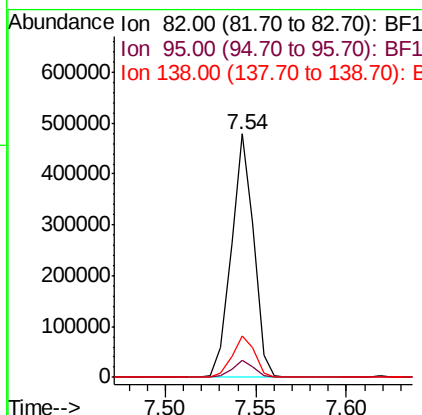
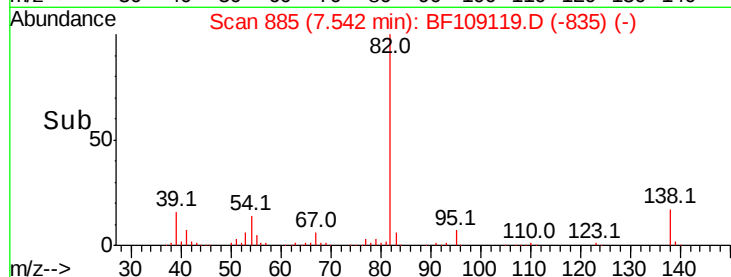
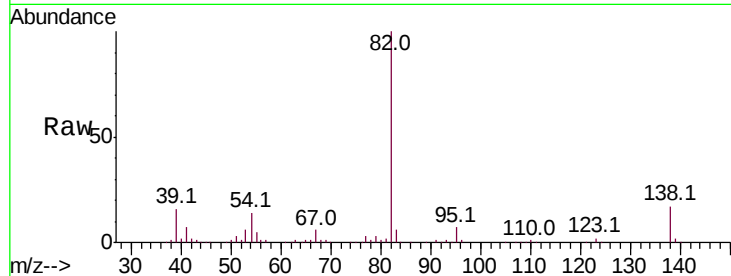




#25
Isophorone
Concen: 38.854 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

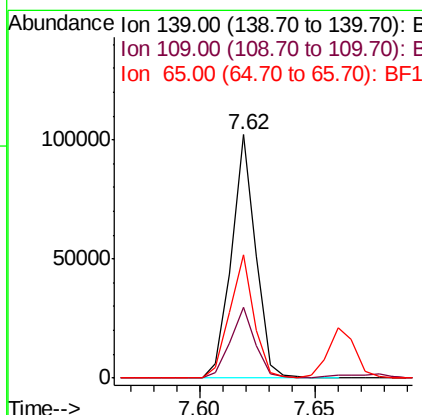
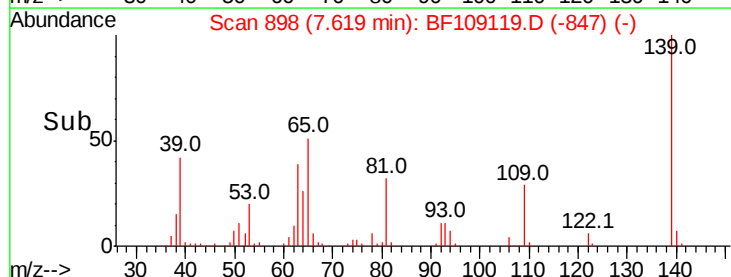
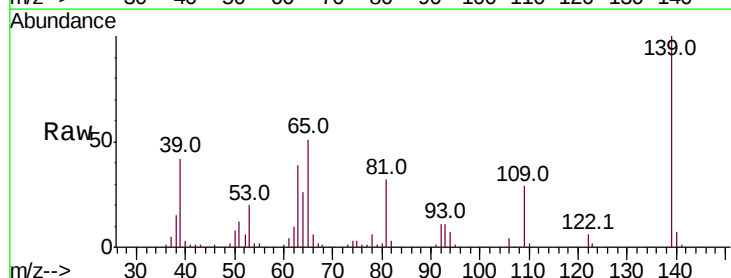
Instrument :
BNA_F
ClientSampleId :

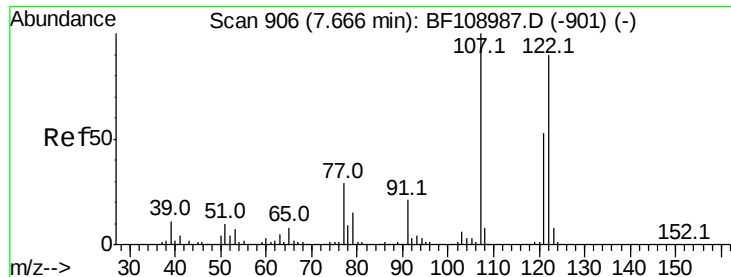
Tot Ion: 82 Resp: 409714
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.0 14.9 22.3



#26
2-Nitrophenol
Concen: 25.203 ng
RT: 7.62 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion: 139 Resp: 74432
Ion Ratio Lower Upper
139 100
109 29.1 22.7 34.1
65 50.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.502 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

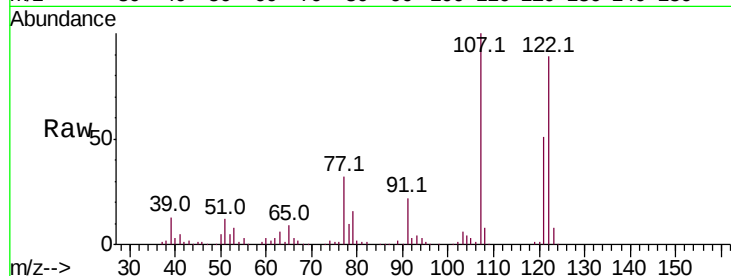
Tot Ion:122 Resp: 183001

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

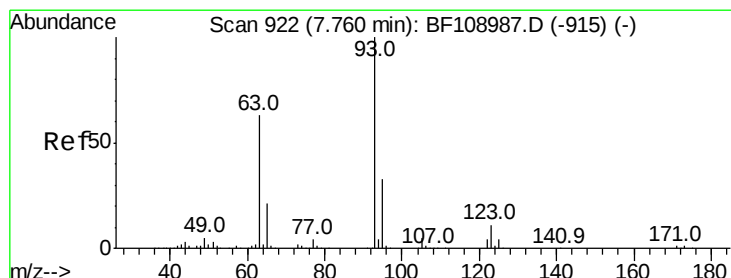
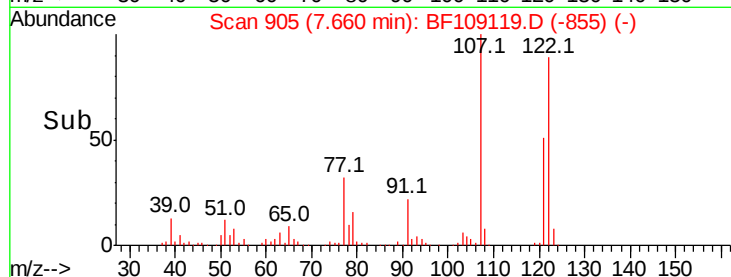
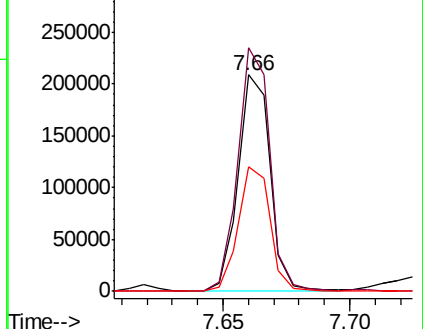
121 57.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.912 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

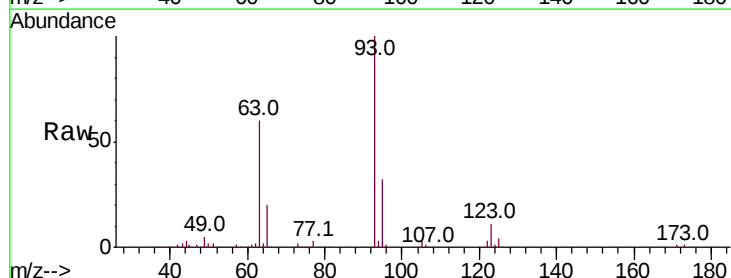
Tgt Ion: 93 Resp: 290321

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

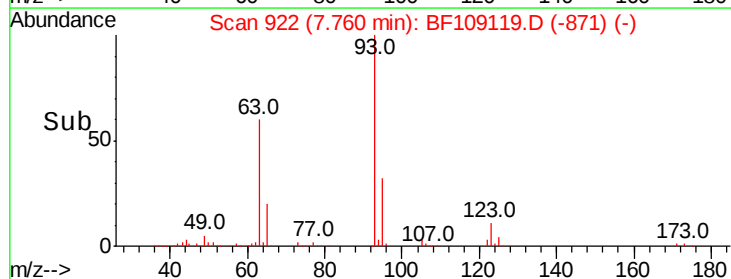
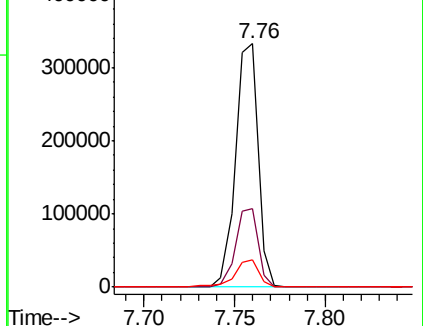
123 11.4 9.8 14.6

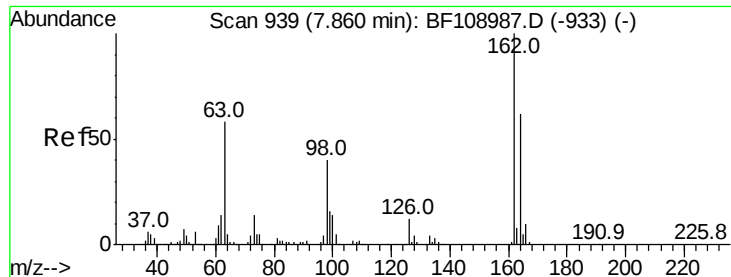


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

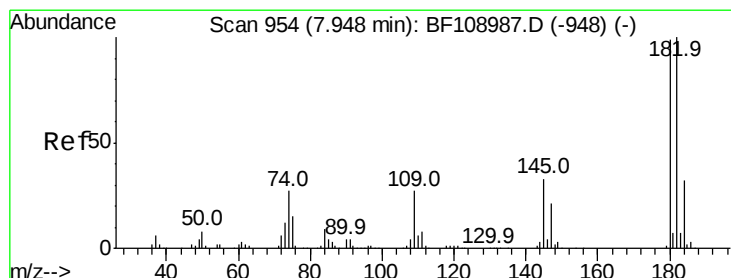
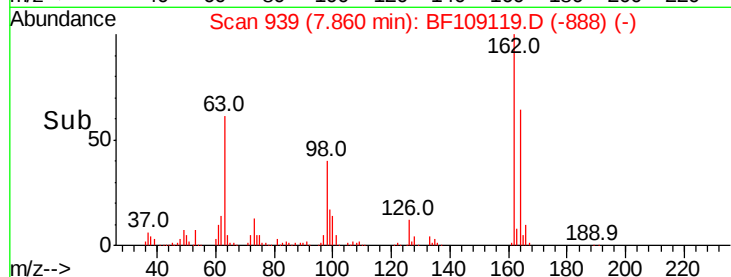
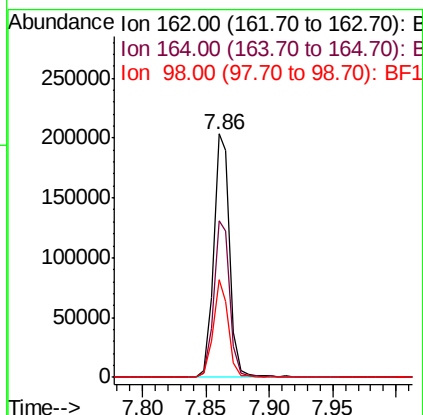
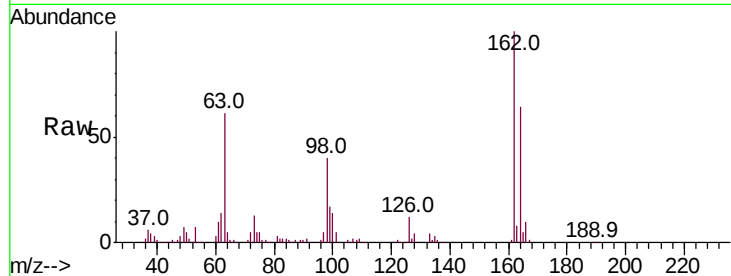




#29
2,4-Dichlorophenol
Concen: 37.213 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

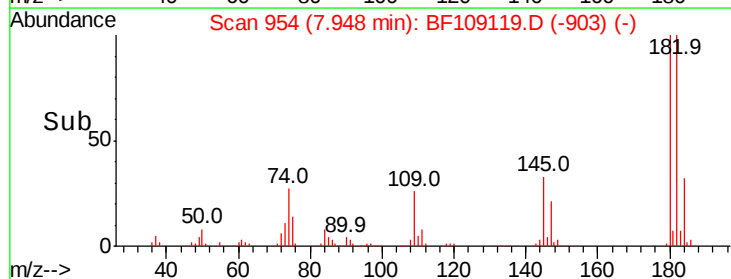
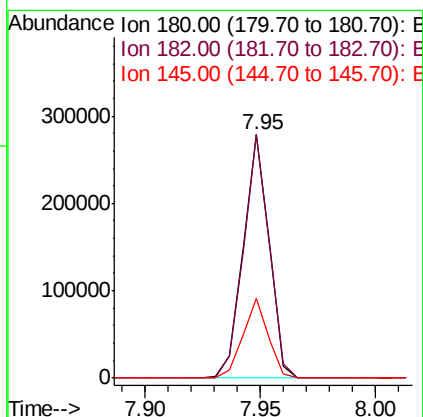
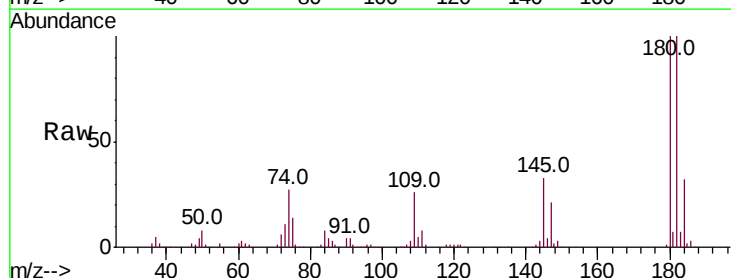
Instrument :
BNA_F
ClientSampleId :

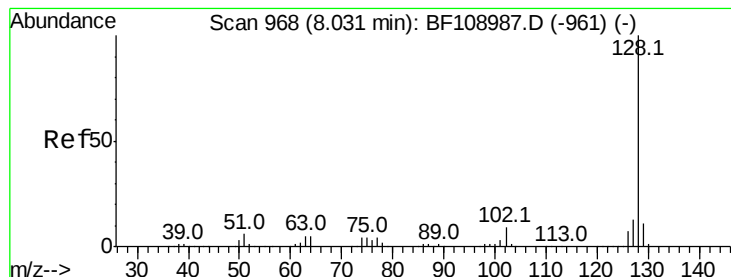
Tot Ion:162 Resp: 183708
Ion Ratio Lower Upper
162 100
164 64.3 42.7 82.7
98 40.1 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.890 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion:180 Resp: 218207
Ion Ratio Lower Upper
180 100
182 100.0 76.8 115.2
145 32.8 26.5 39.7





#31

Naphthalene

Concen: 40.503 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

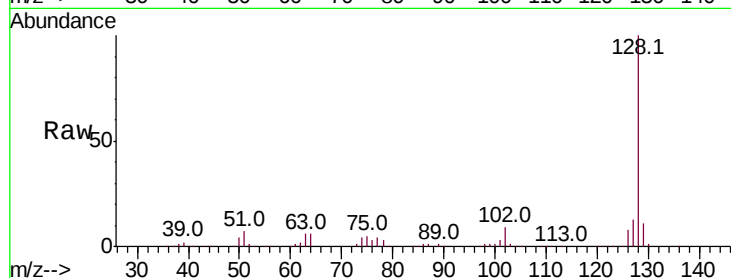
Tot Ion:128 Resp: 646831

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

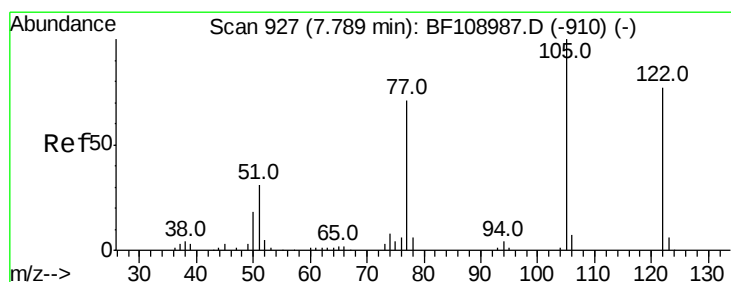
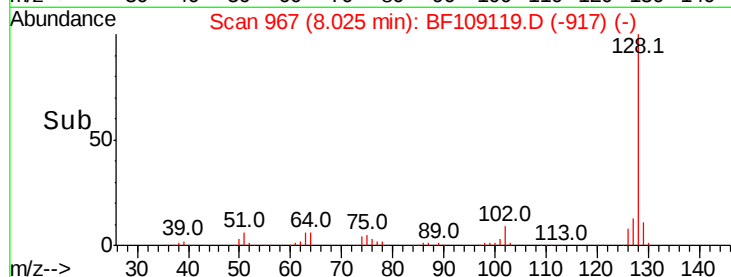
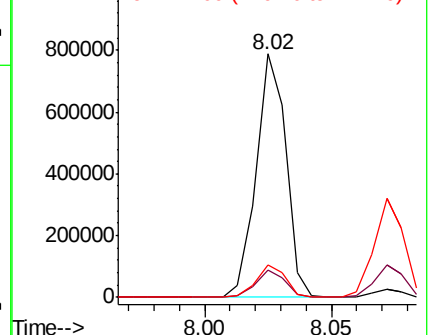
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.707 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

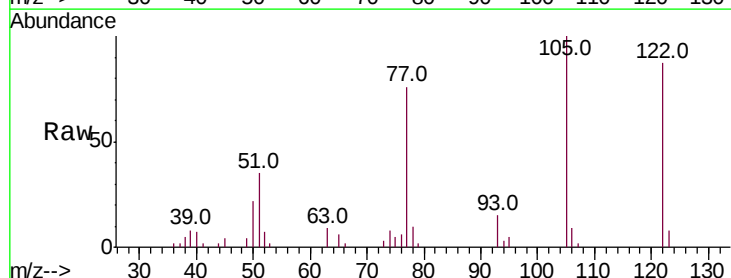
Tgt Ion:122 Resp: 35437

Ion Ratio Lower Upper

122 100

105 114.6 101.1 141.1

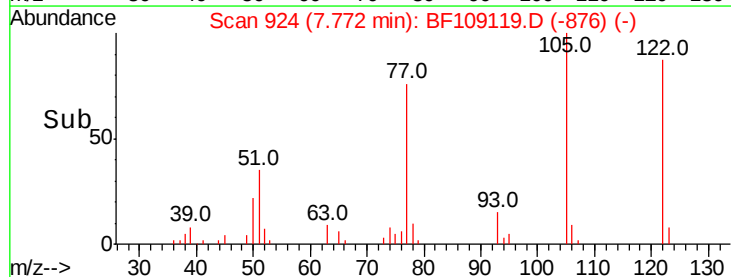
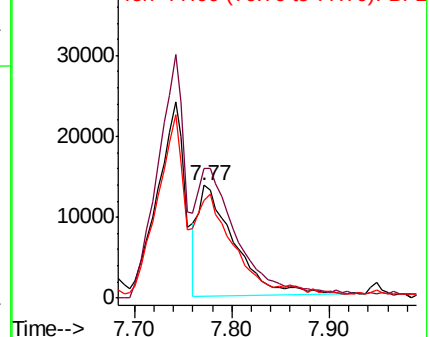
77 86.9 70.7 110.7

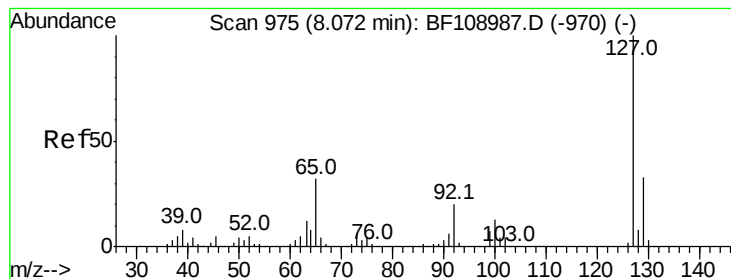


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.624 ng

RT: 8.07 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 267152

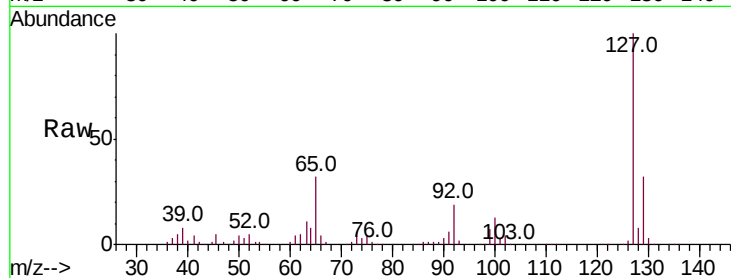
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 31.7 25.0 37.4

92 18.9 15.2 22.8

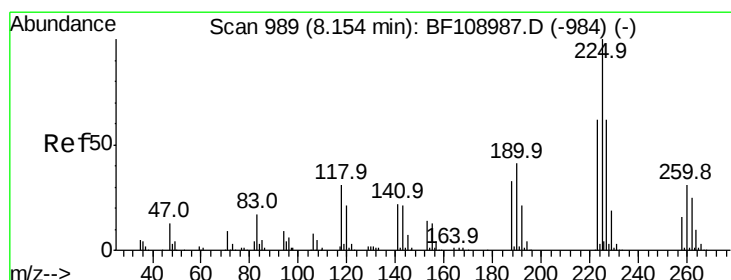
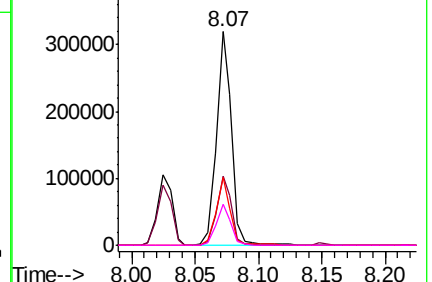
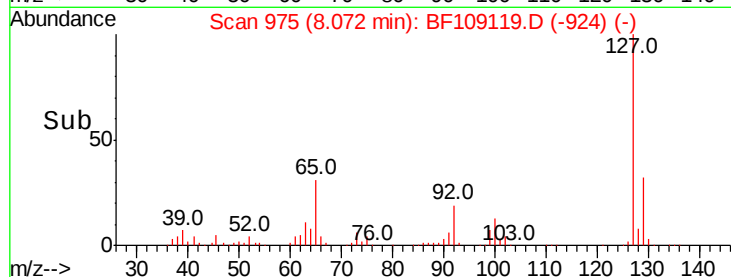


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.523 ng

RT: 8.15 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

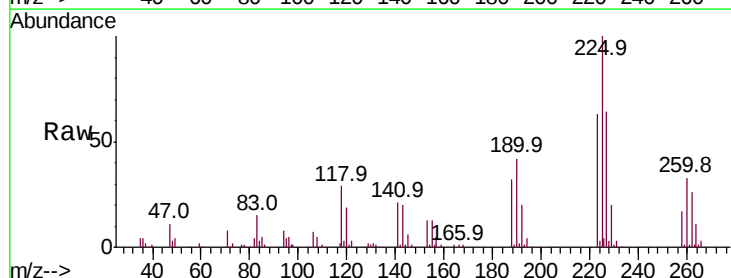
Tgt Ion:225 Resp: 138534

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

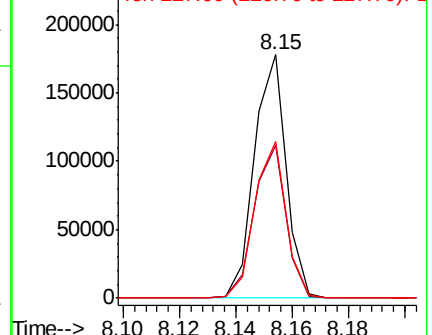
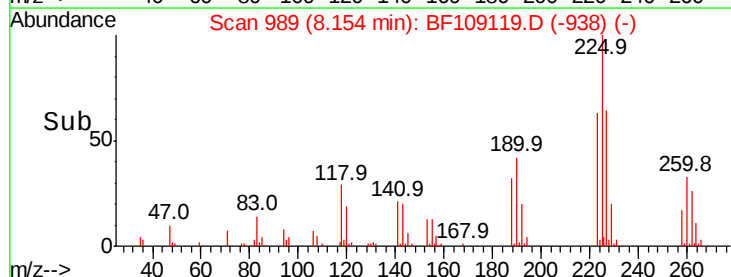
227 64.3 51.9 77.9

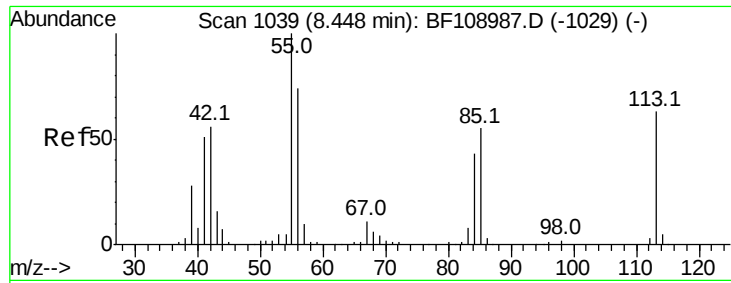


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

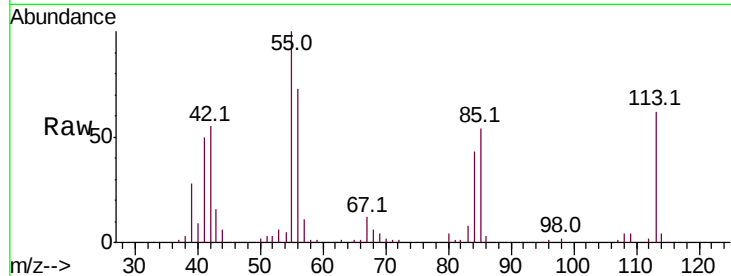




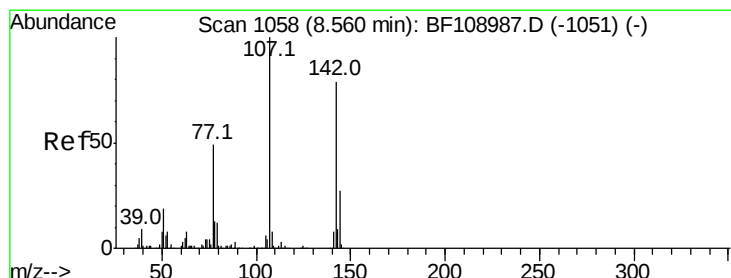
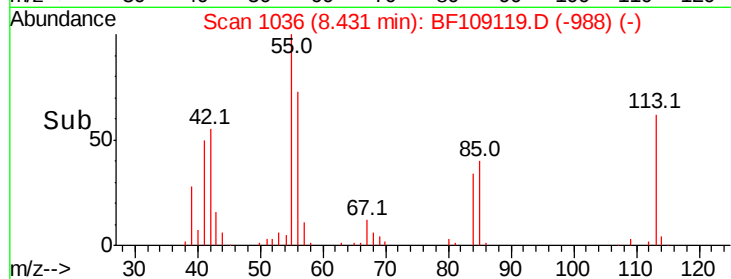
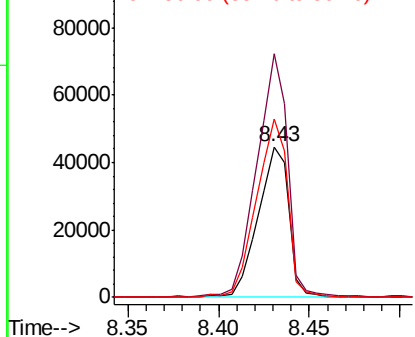
#35
 Caprolactam
 Concen: 32.569 ng
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52419
 Ion Ratio Lower Upper
 113 100
 55 161.9 163.3 203.3#
 56 118.5 115.7 155.7

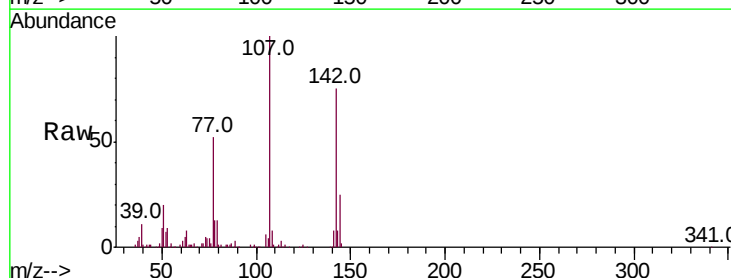


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

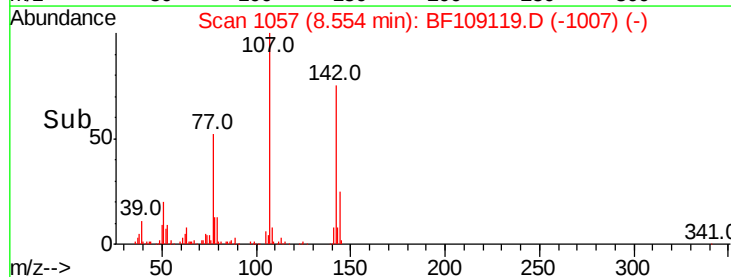
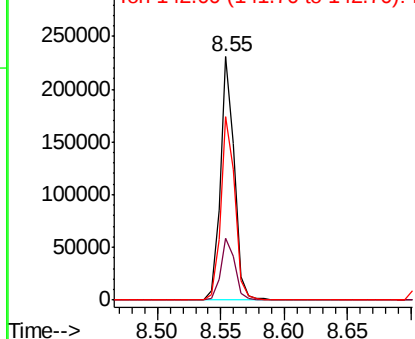


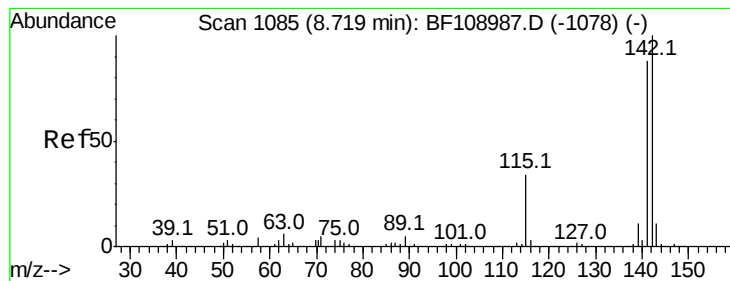
#36
 4-Chloro-3-methylphenol
 Concen: 34.562 ng
 RT: 8.55 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion:107 Resp: 179615
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 75.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.790 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

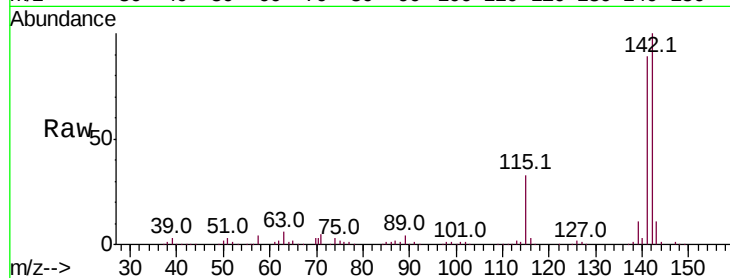
Tot Ion:142 Resp: 382993

Ion Ratio Lower Upper

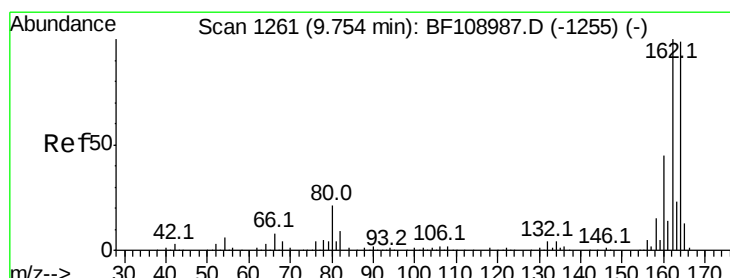
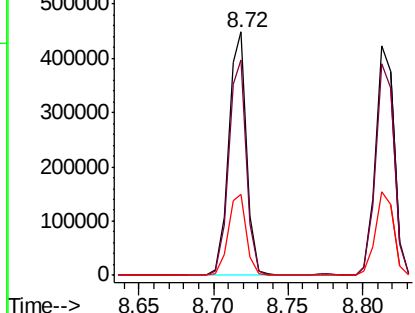
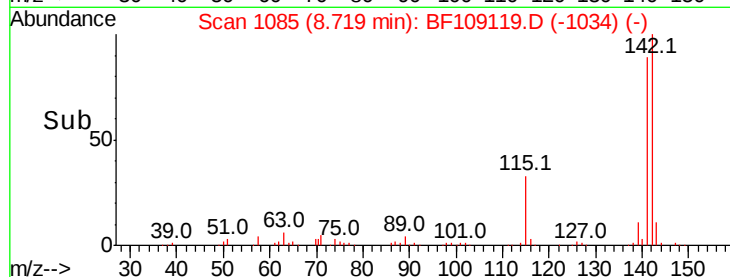
142 100

141 88.7 70.8 106.2

115 33.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

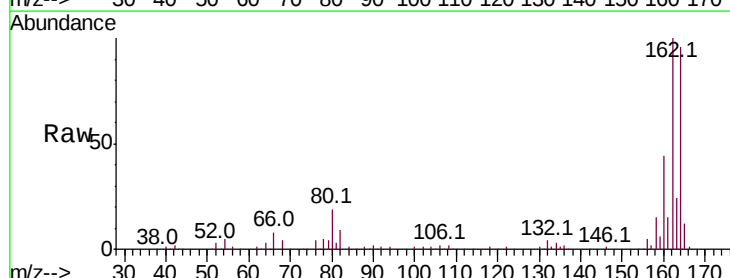
Tgt Ion:164 Resp: 137404

Ion Ratio Lower Upper

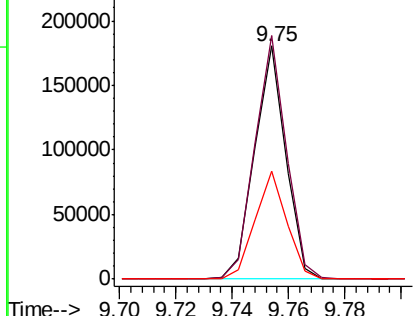
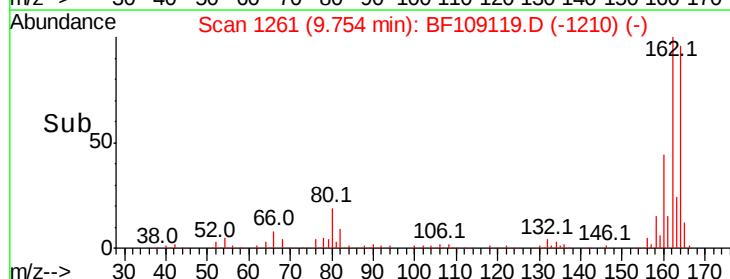
164 100

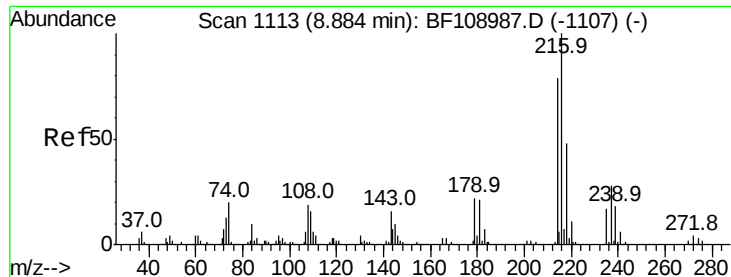
162 104.4 86.1 129.1

160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

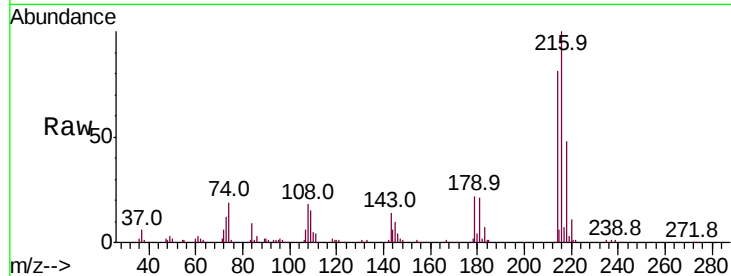




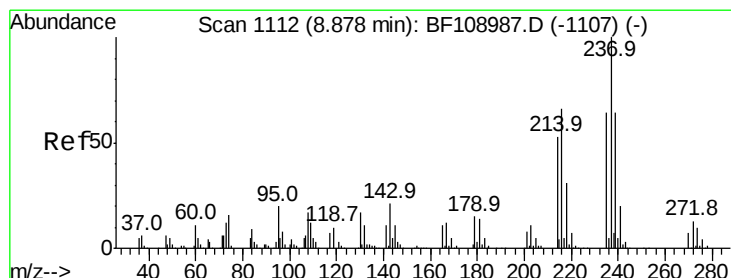
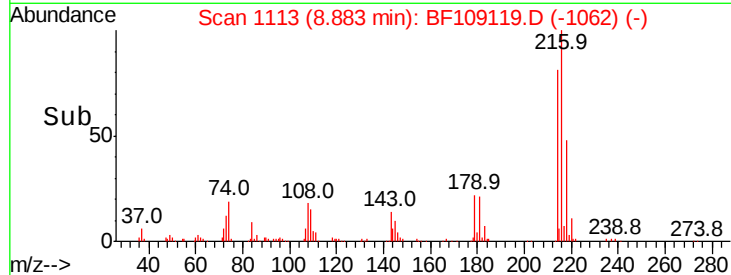
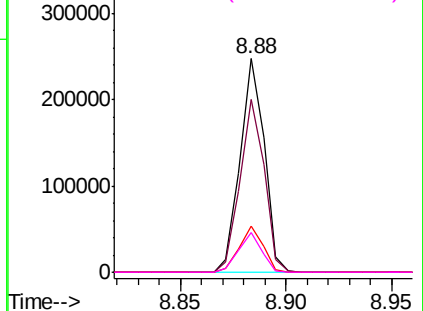
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.158 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	195292
Ion Ratio	Lower	Upper	
216	100		
214	80.8	63.0	94.4
179	21.2	18.1	27.1
108	17.8	17.2	25.8

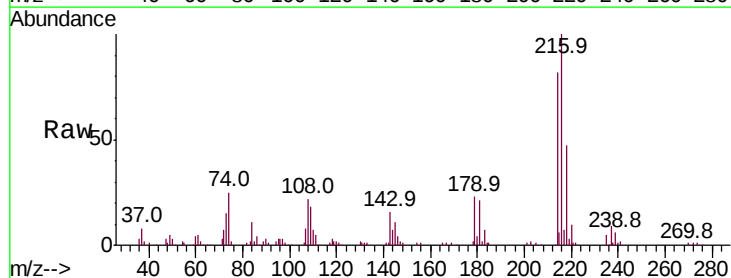


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

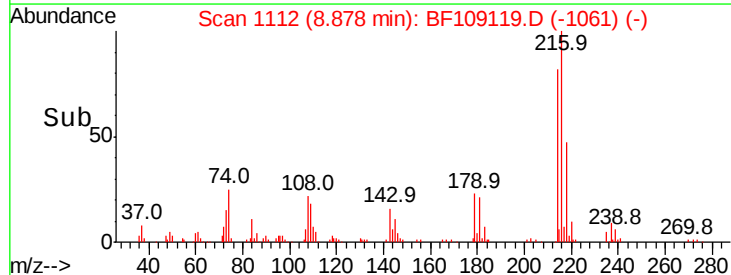
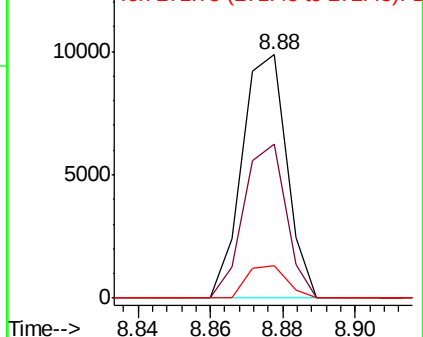


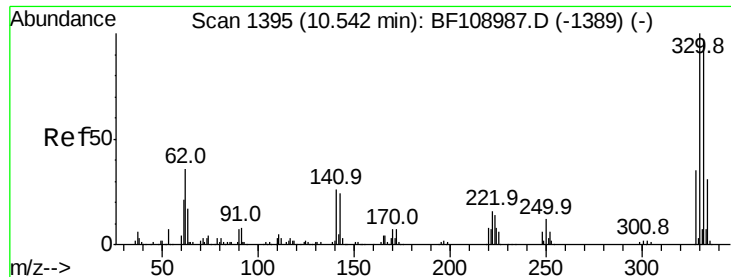
#40
 Hexachlorocyclopentadiene
 Concen: 3.874 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion:	237	Resp:	8442
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	13.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

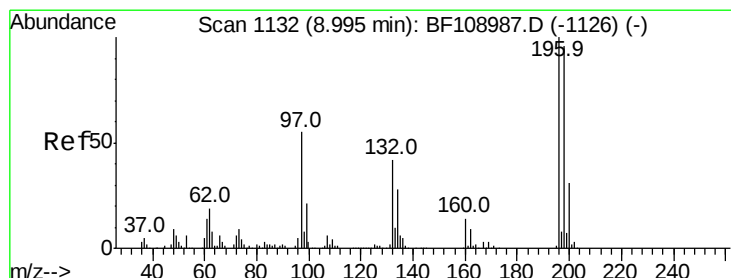
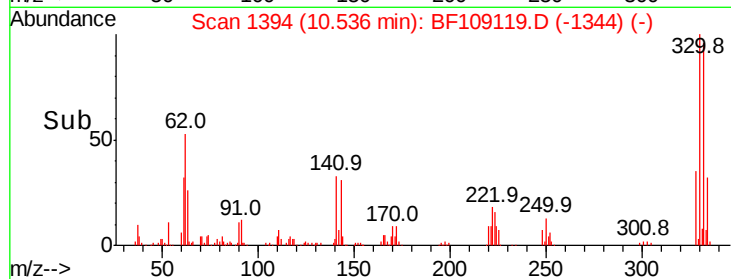
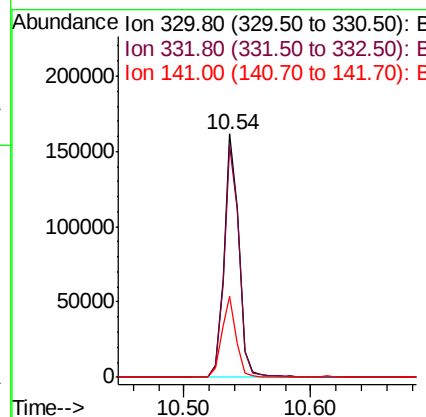
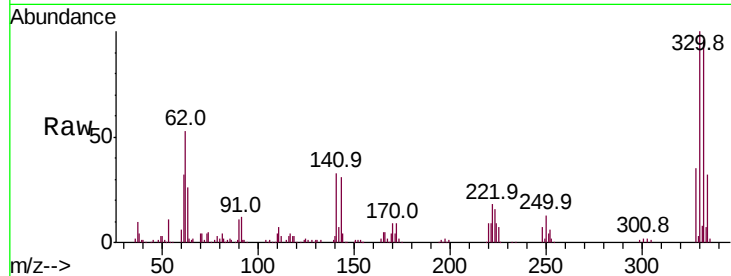




#41
 2,4,6-Tribromophenol
 Concen: 88.848 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

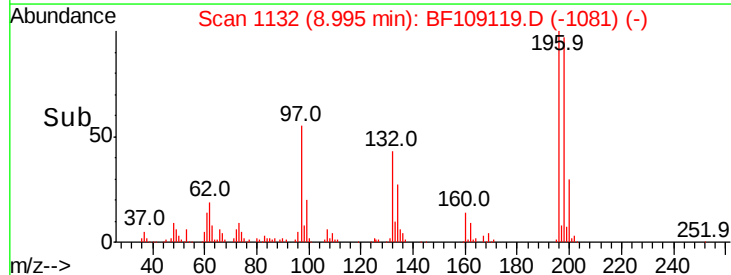
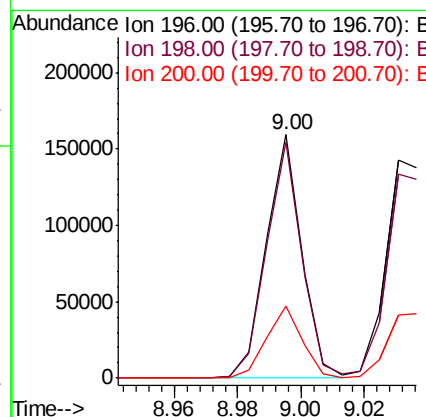
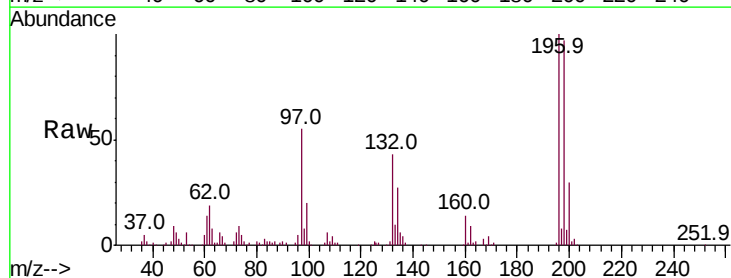
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.800 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	29.8	24.5	36.7

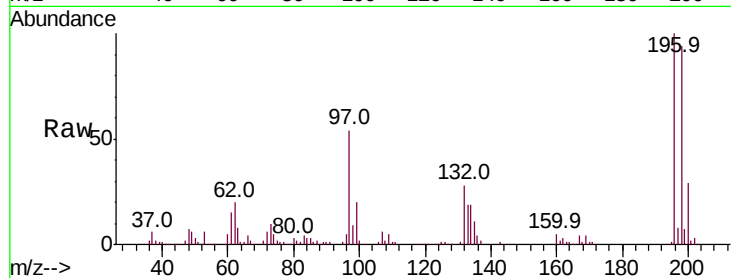




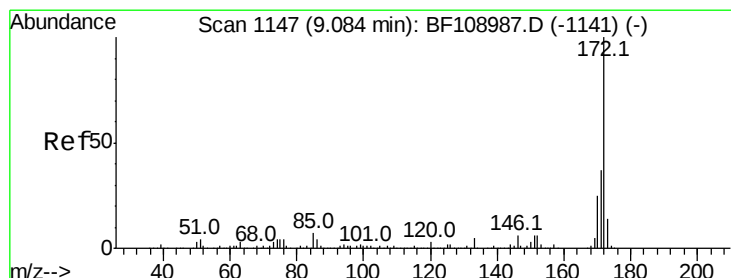
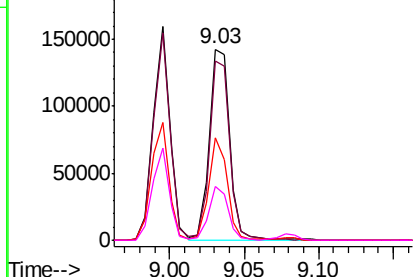
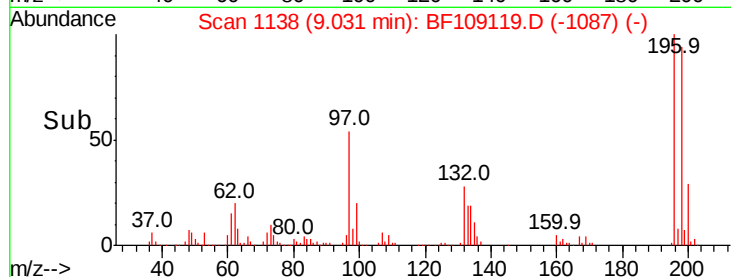
#43
 2,4,5-Trichlorophenol
 Concen: 44.308 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	134591
Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	53.5	42.9	64.3
132	28.3	26.3	39.5

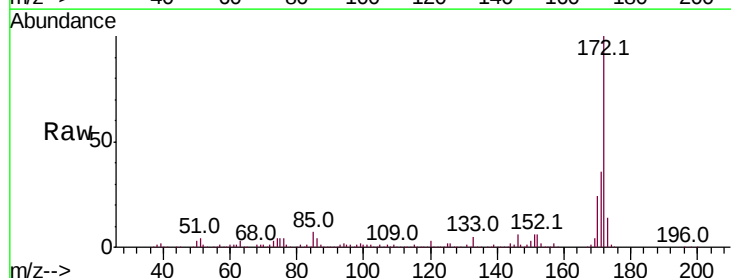


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

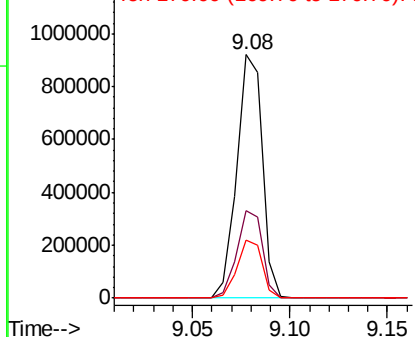
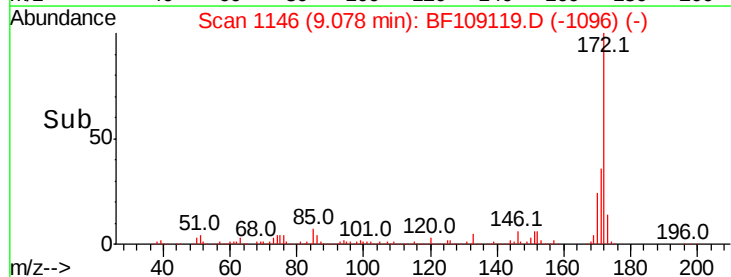


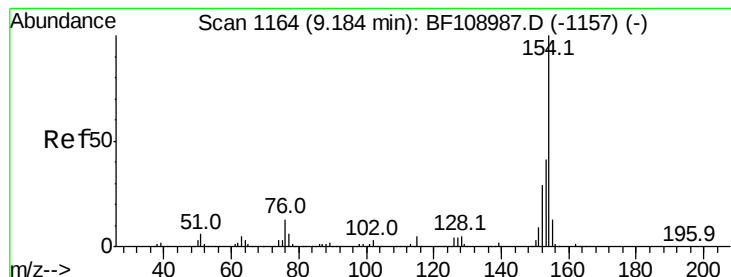
#44
 2-Fluorobiphenyl
 Concen: 95.359 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion:	172	Resp:	836311
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.877 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

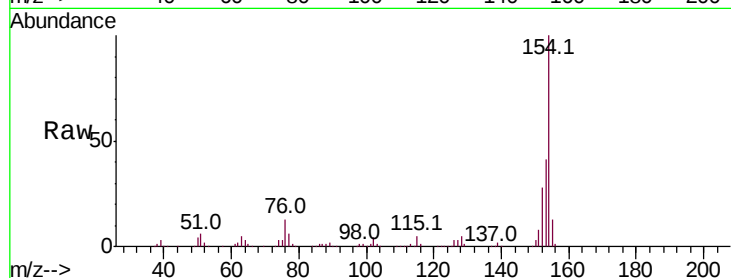
Tot Ion:154 Resp: 482330

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

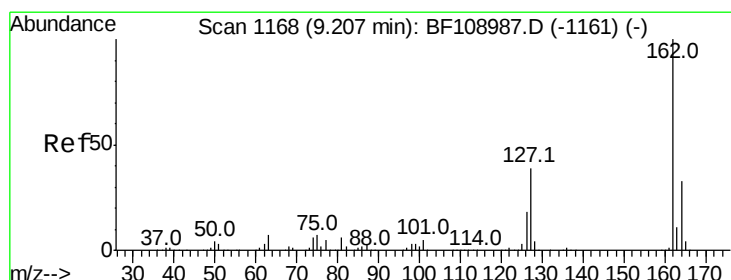
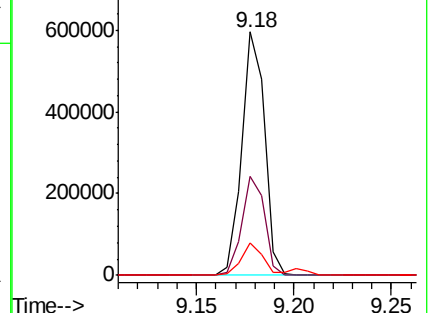
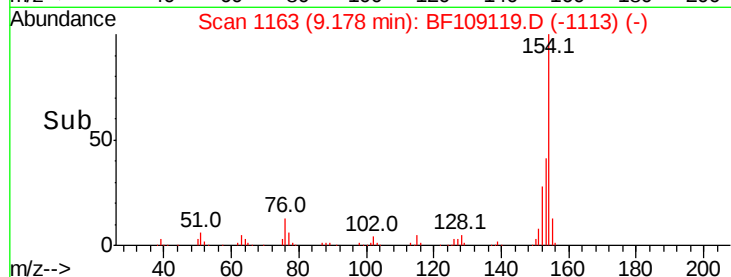
76 13.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.571 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

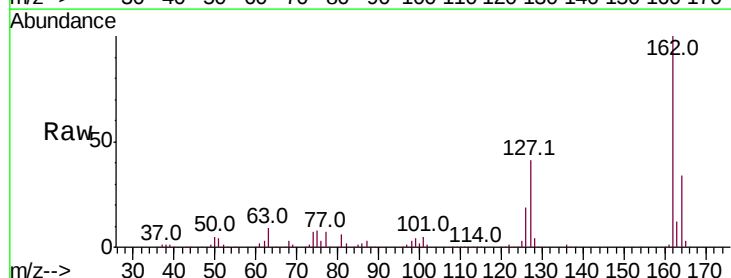
Tgt Ion:162 Resp: 374786

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

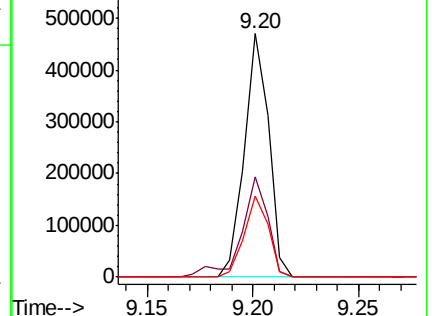
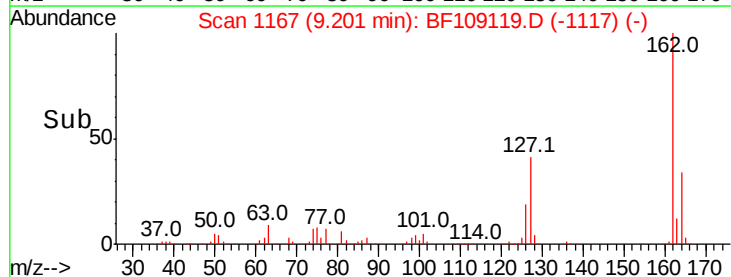
164 33.5 26.5 39.7

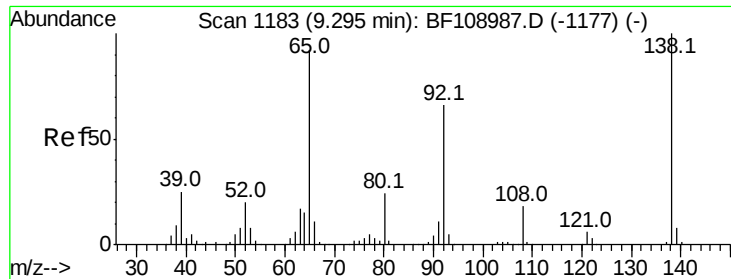


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

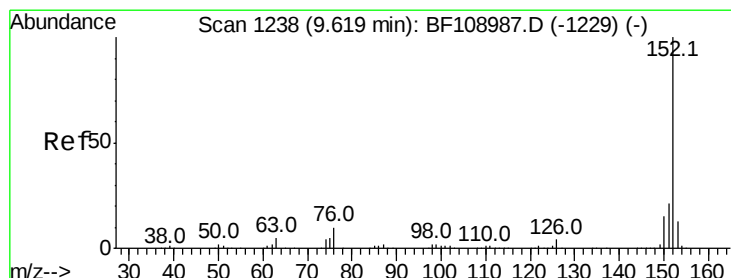
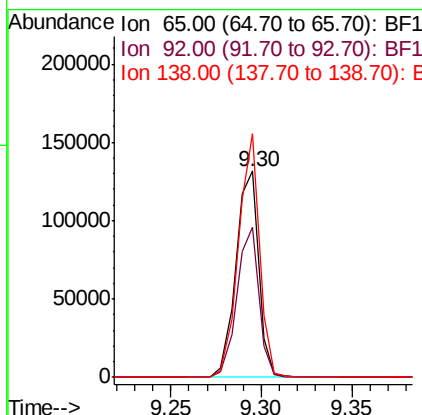
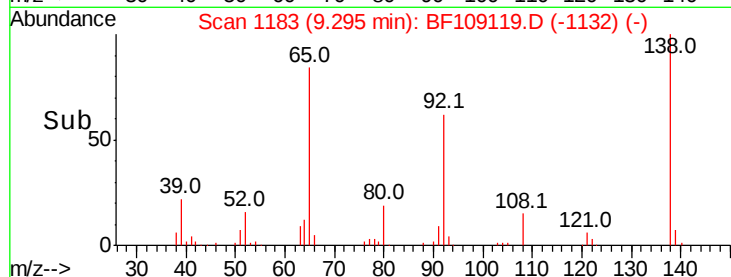
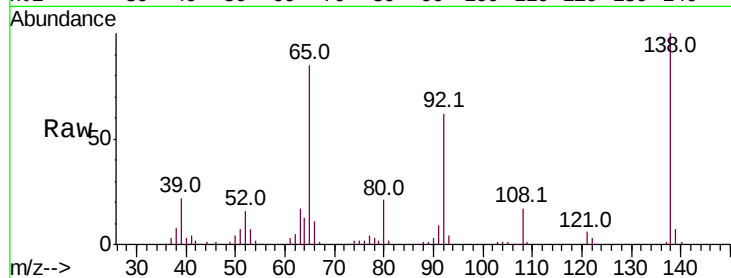




#47
 2-Nitroaniline
 Concen: 42.620 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

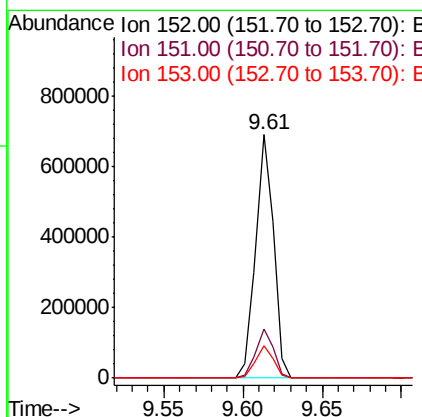
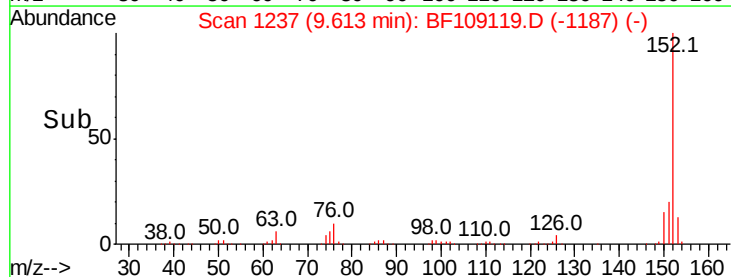
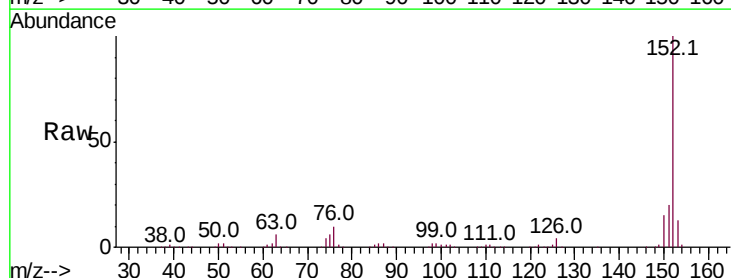
Instrument :
 BNA_F
 ClientSampleId :

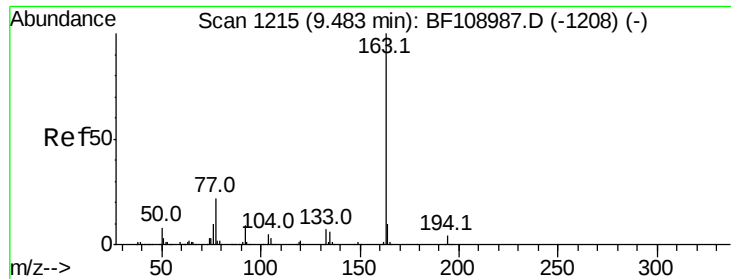
Tot Ion: 65 Resp: 115349
 Ion Ratio Lower Upper
 65 100
 92 72.8 55.8 83.6
 138 118.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.015 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion: 152 Resp: 544417
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.2 10.7 16.1

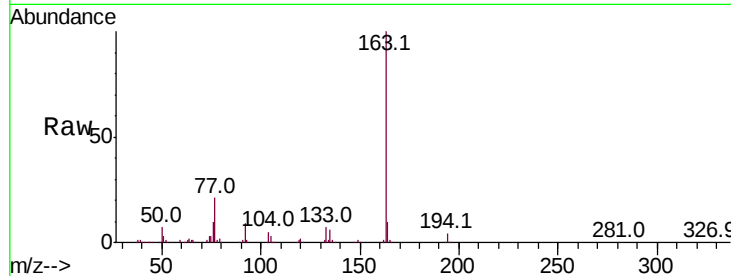




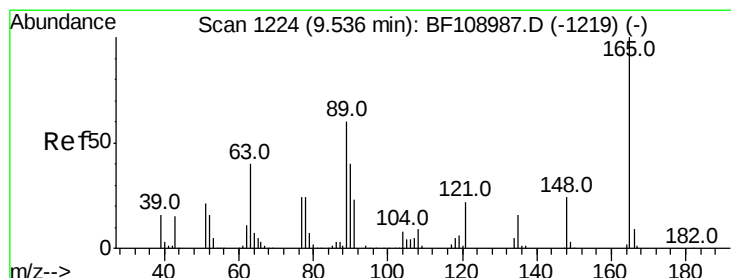
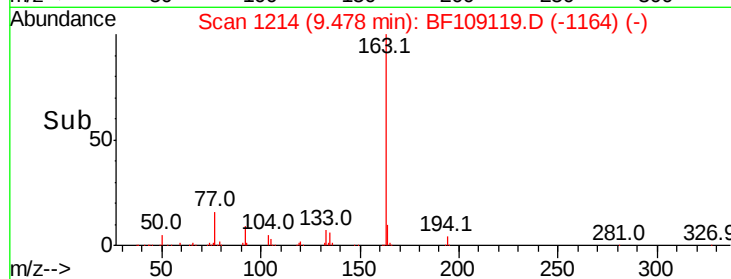
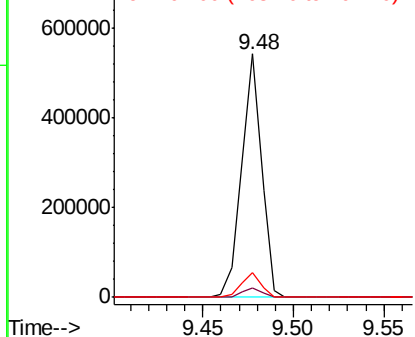
#49
 Dimethylphthalate
 Concen: 42.368 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

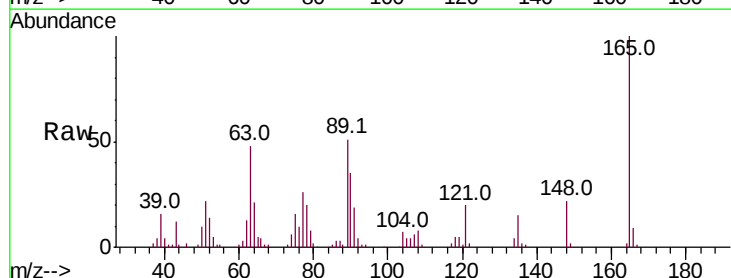


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

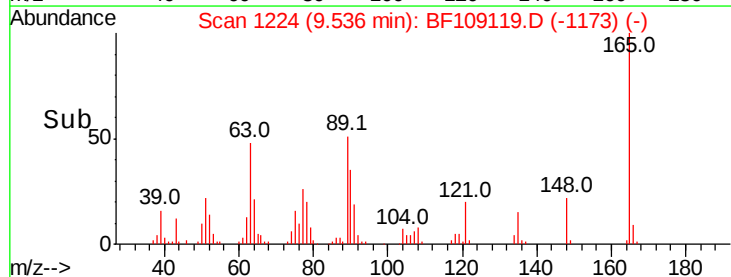
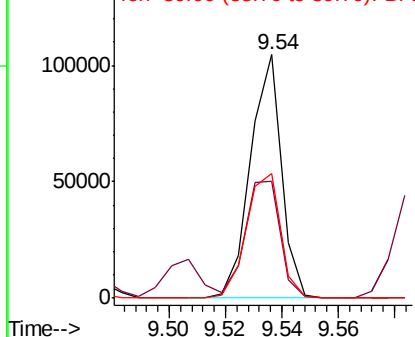


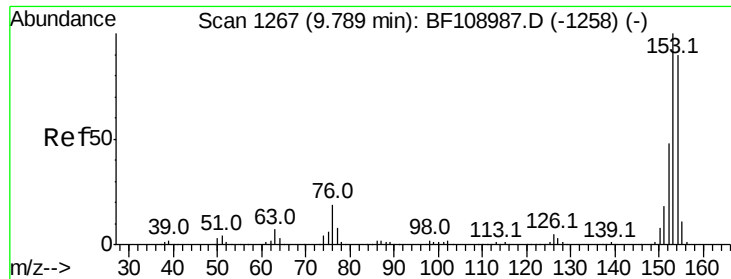
#50
 2,6-Dinitrotoluene
 Concen: 36.605 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.8	44.7	67.1
89	50.9	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

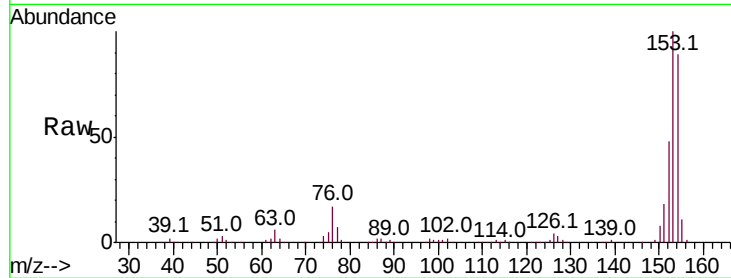




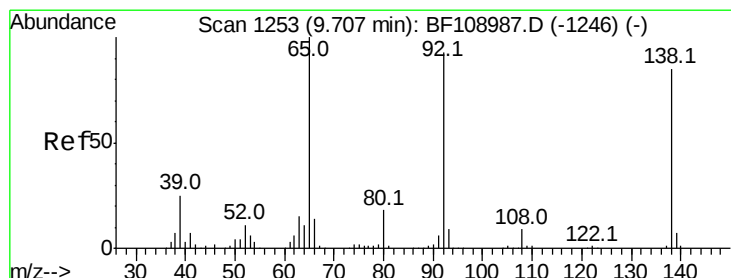
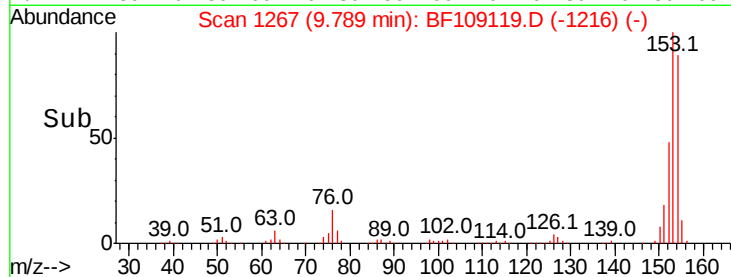
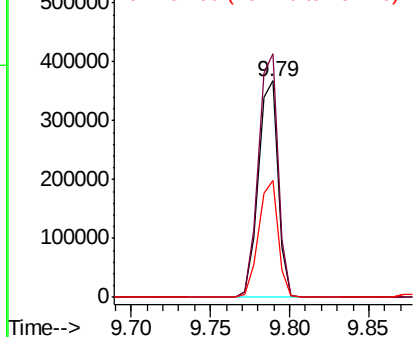
#51
Acenaphthene
Concen: 38.834 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	53.9	43.8	65.8

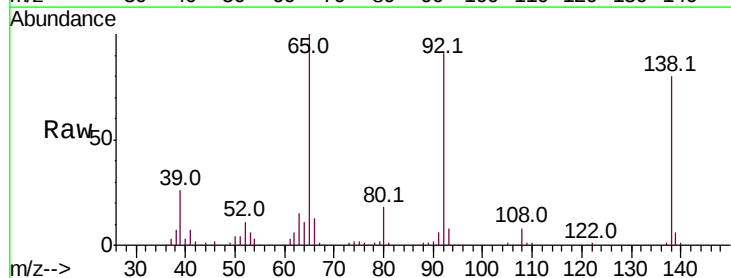


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

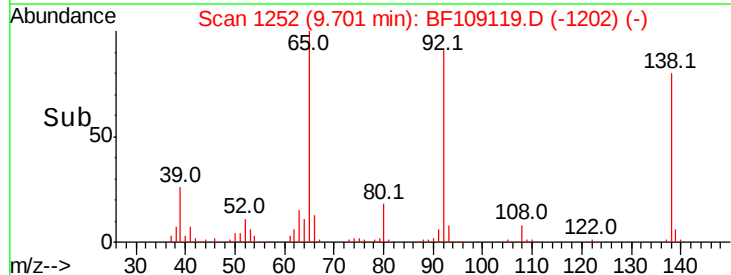
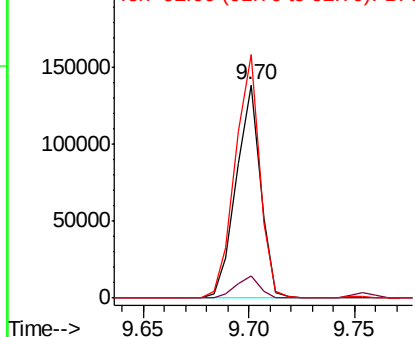


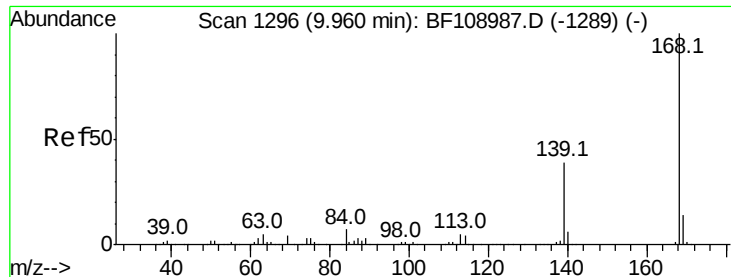
#52
3-Nitroaniline
Concen: 43.151 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	114.2	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

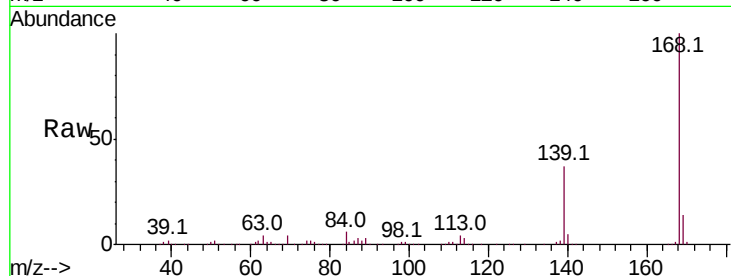




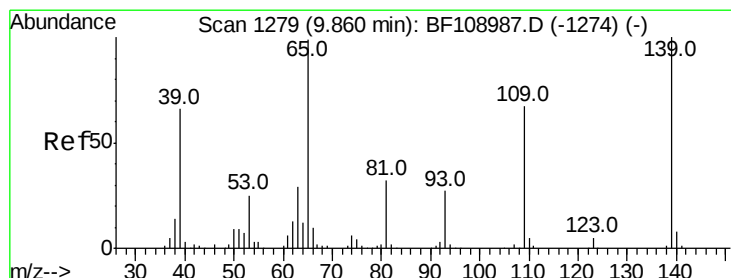
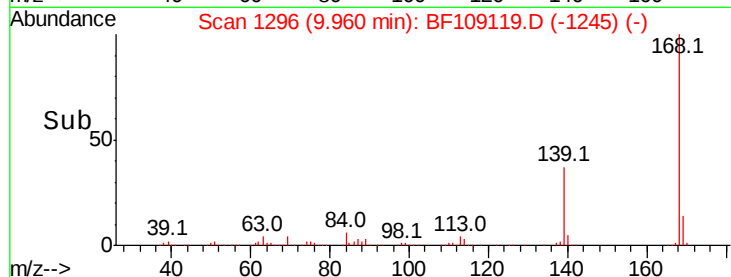
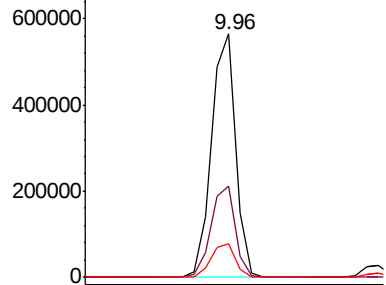
#54
Dibenzenofuran
Concen: 40.414 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 482706
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.8 10.9 16.3

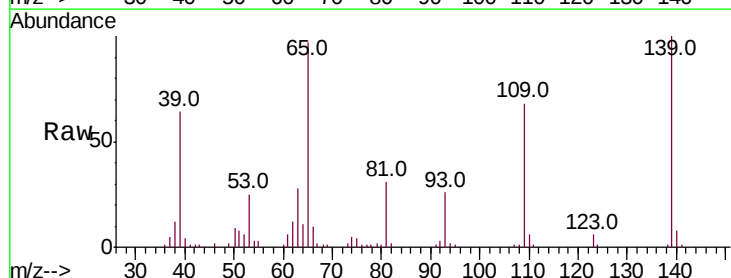


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

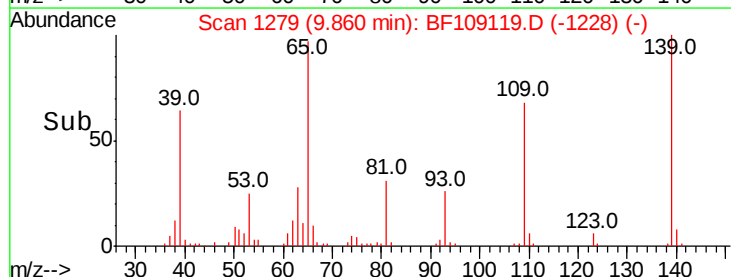
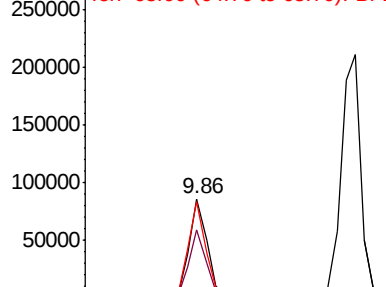


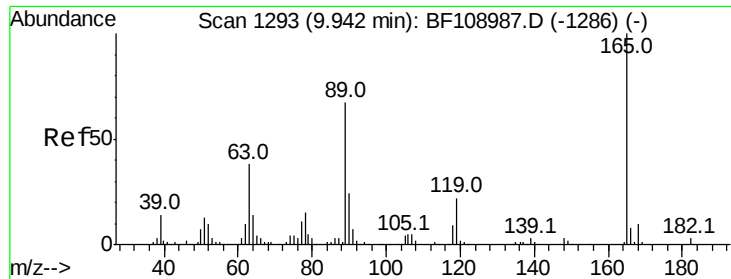
#55
4-Nitrophenol
Concen: 38.025 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion:139 Resp: 71848
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 97.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

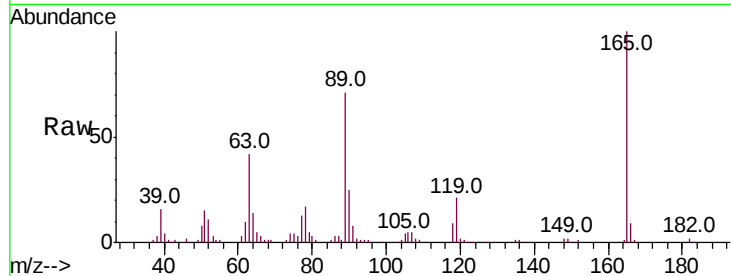




#56
2,4-Dinitrotoluene
Concen: 34.940 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	36.4	54.6
89	70.9	57.8	86.6
182	2.3	1.6	2.4



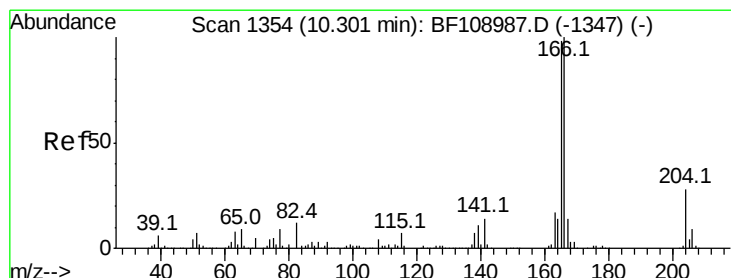
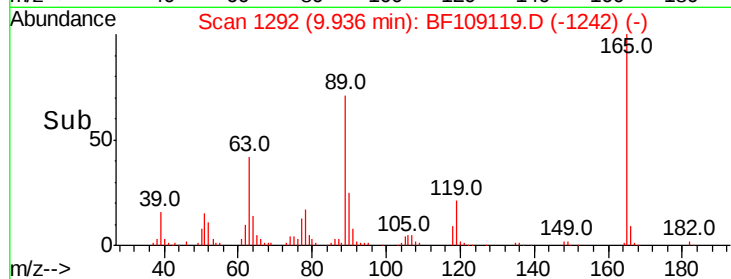
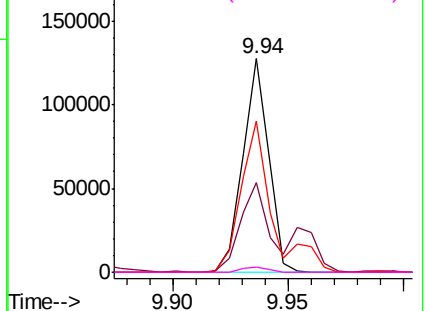
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

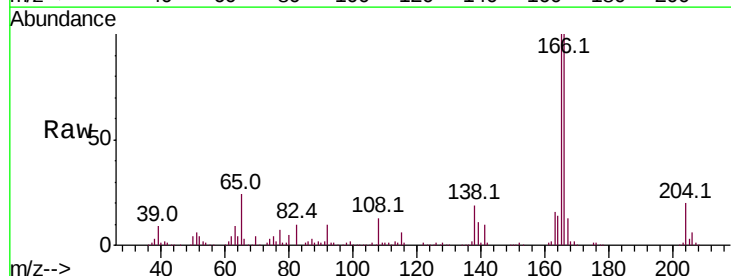
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.021 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.3	10.6	16.0

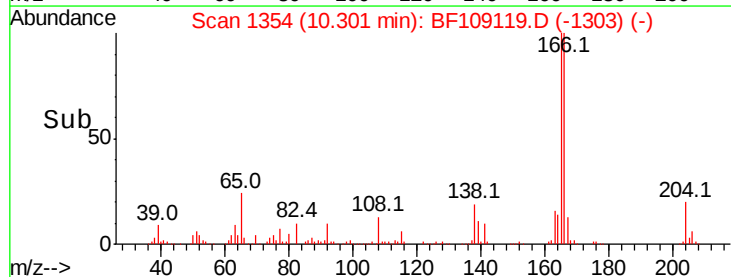
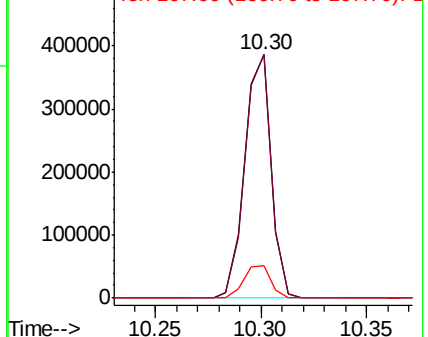


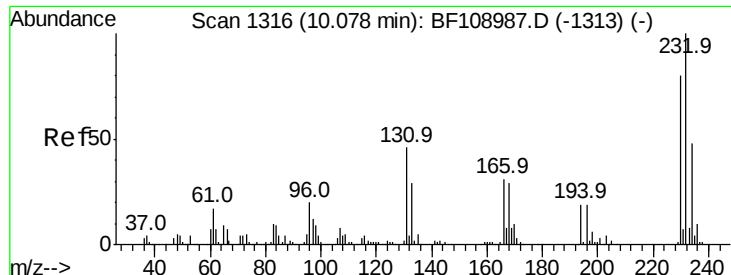
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

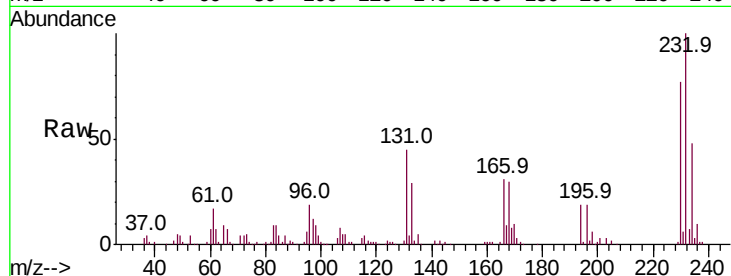




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.497 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	43.8	65.8
130	2.0	2.1	3.1#
166	29.8	27.8	41.6



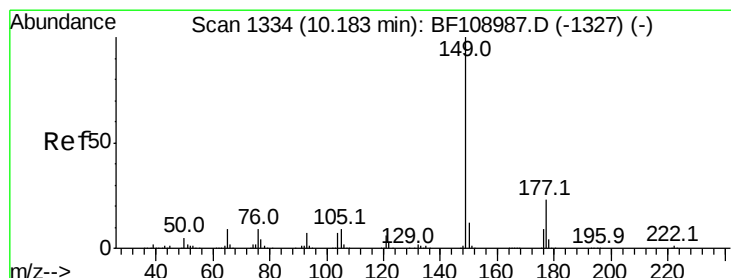
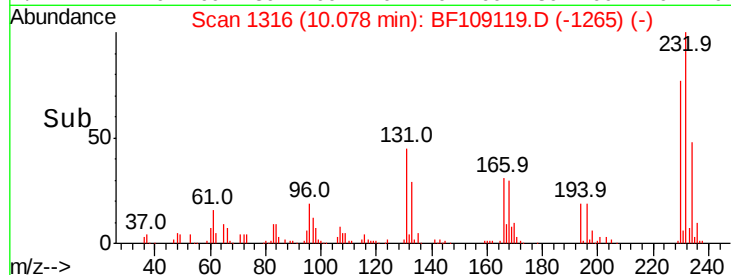
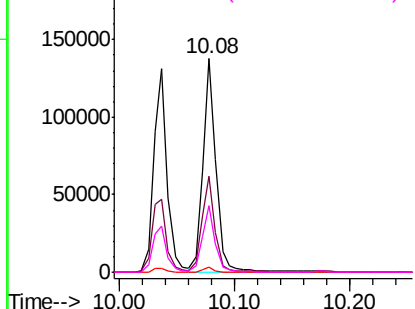
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

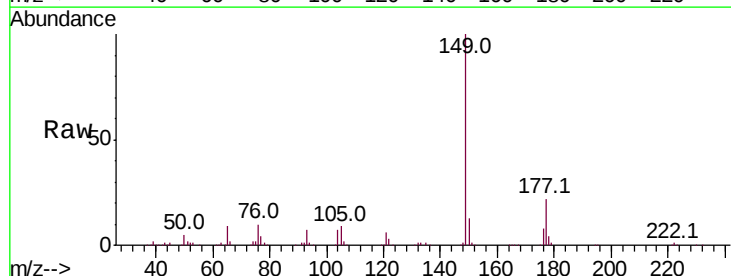
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 40.389 ng
 RT: 10.18 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.6	10.1	15.1

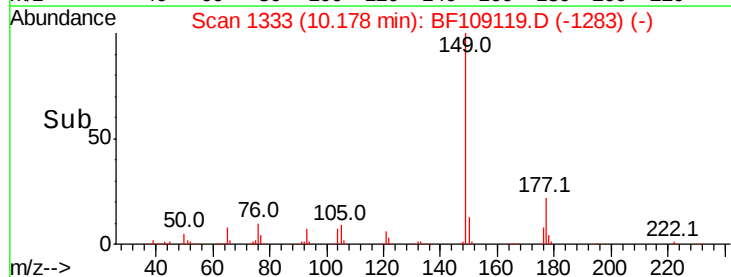
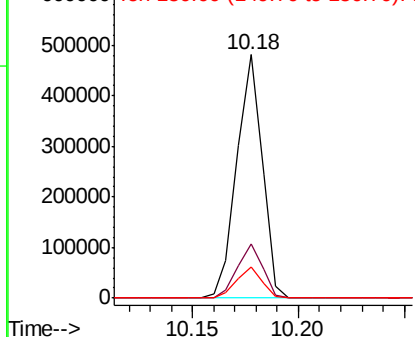


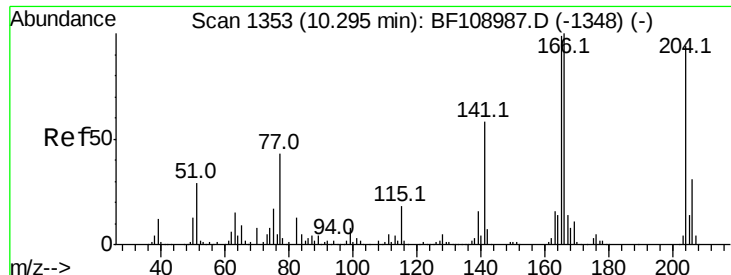
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

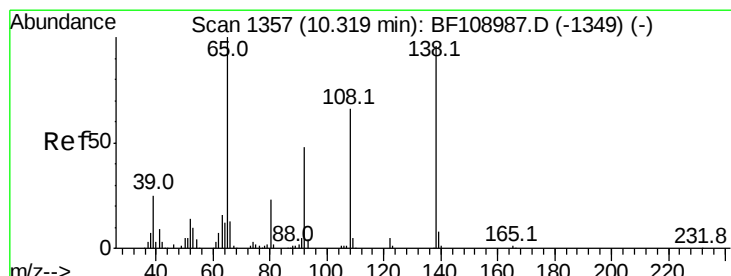
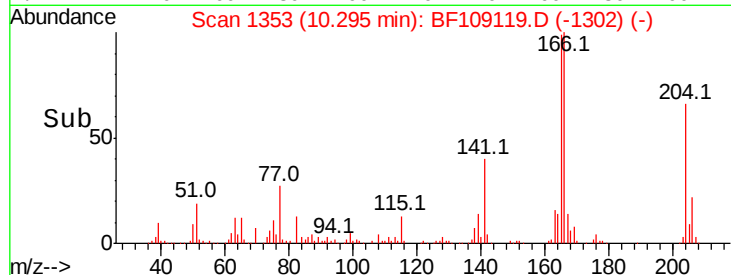
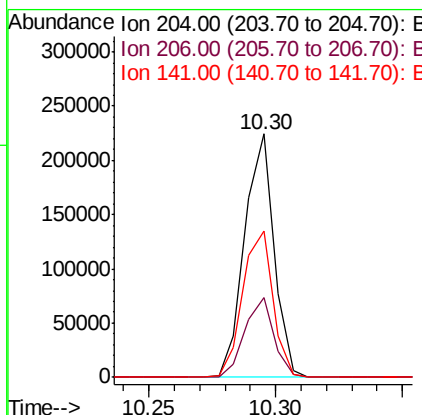
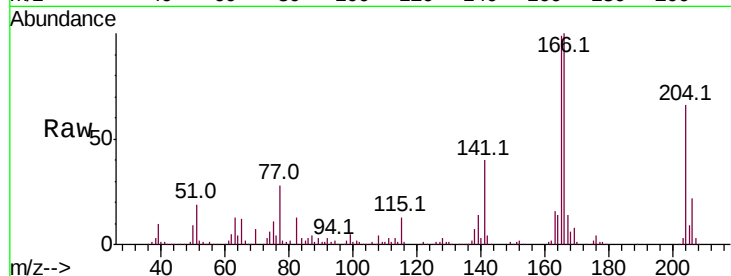




#60
 4-Chlorophenyl-phenylether
 Concen: 42.465 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

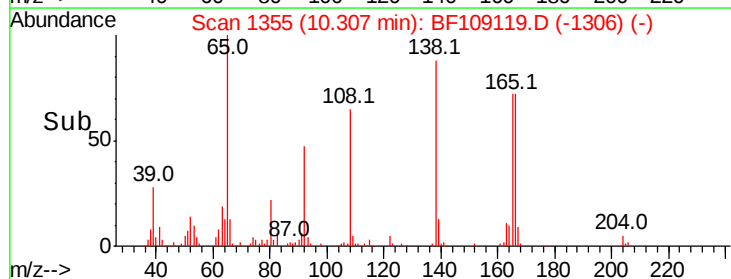
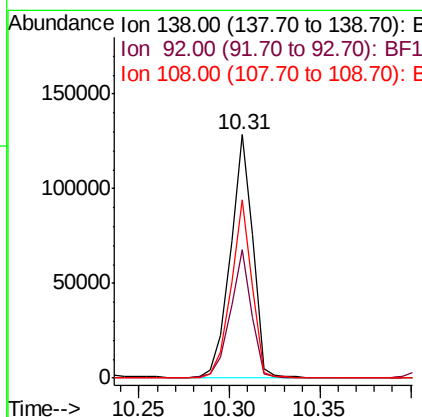
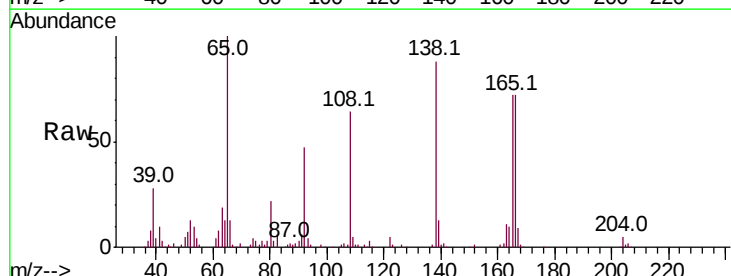
Instrument :
 BNA_F
 ClientSampled :

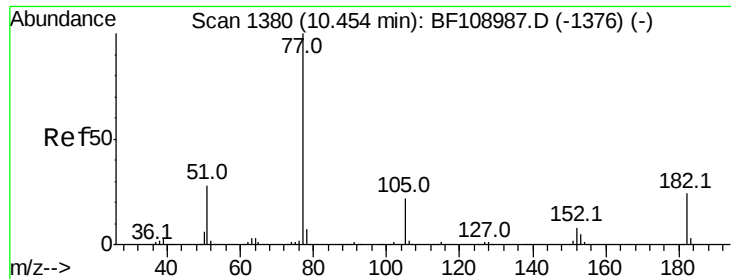
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	59.9	54.6	81.8



#61
 4-Nitroaniline
 Concen: 45.583 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.2	70.2
108	73.2	52.5	92.5





#62

Azobenzene

Concen: 38.925 ng

RT: 10.45 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 395146

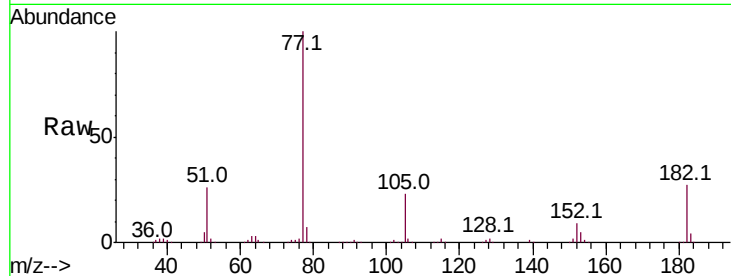
Ion Ratio Lower Upper

77 100

182 27.0 1.7 41.7

105 22.6 3.0 43.0

51 25.8 9.9 49.9

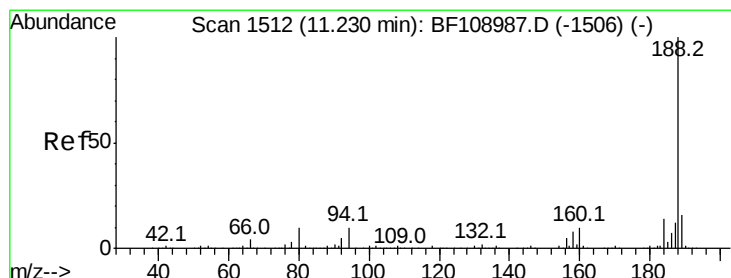
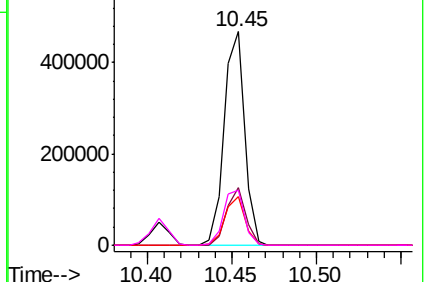
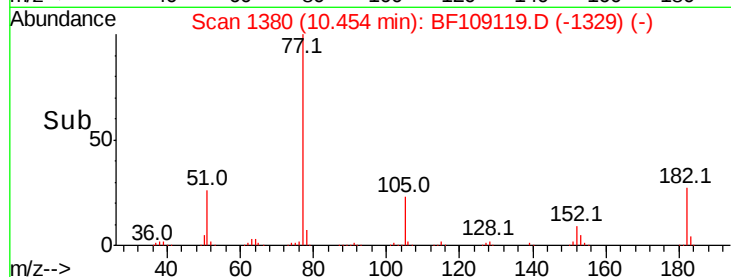


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

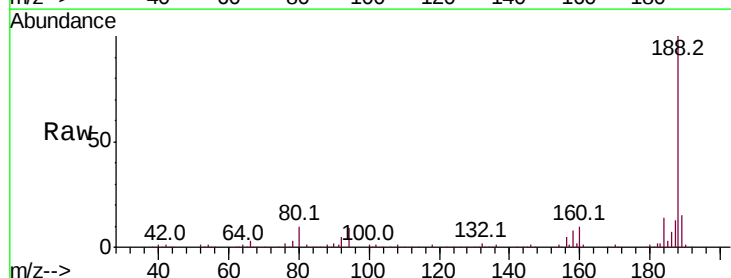
Tgt Ion: 188 Resp: 272478

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

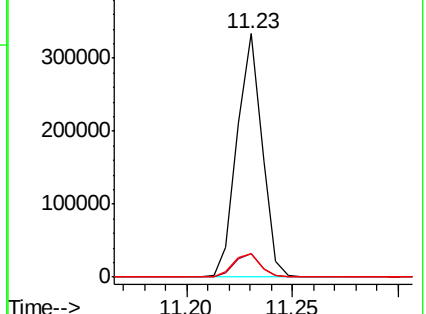
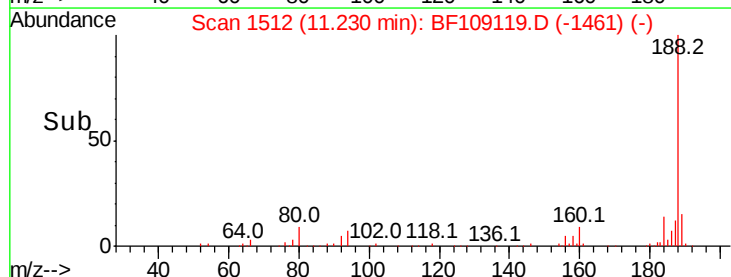
80 9.7 9.2 13.8

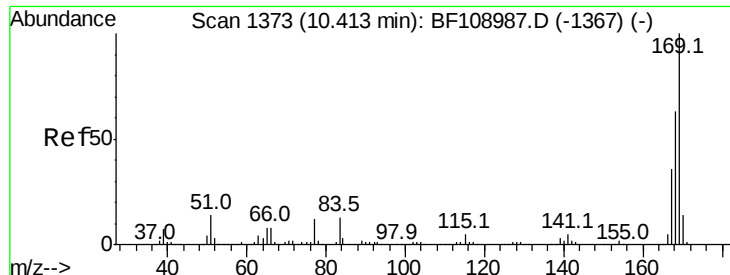


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

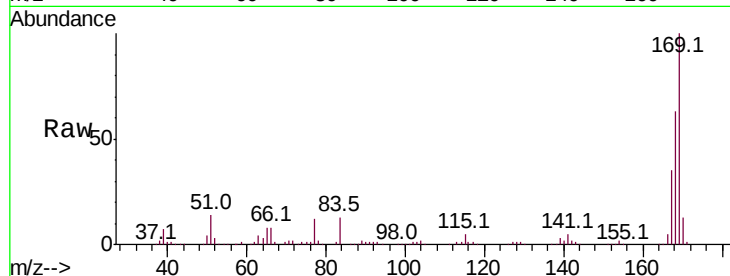




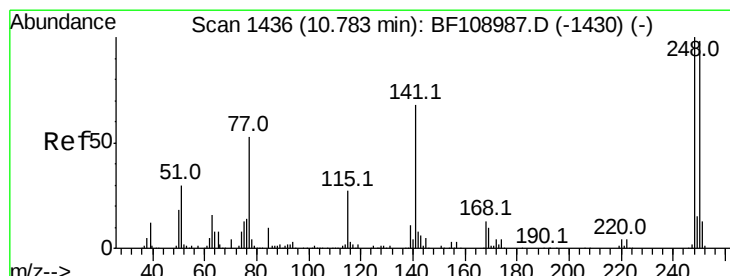
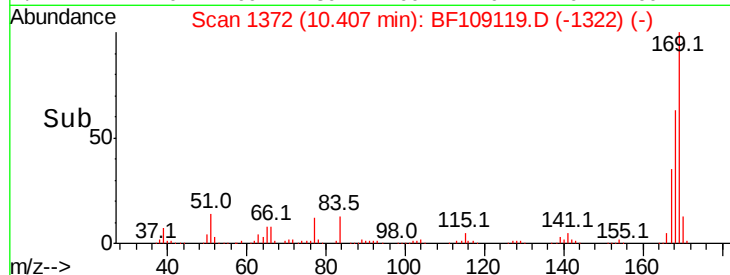
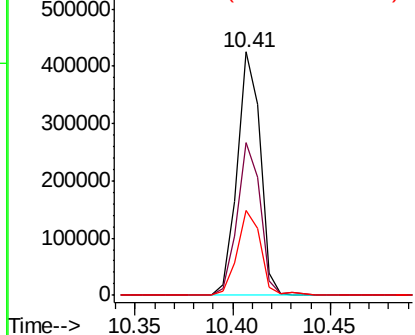
#65
 n-Nitrosodiphenylamine
 Concen: 39.048 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 348031
 Ion Ratio Lower Upper
 169 100
 168 62.9 54.4 81.6
 167 35.0 29.8 44.6

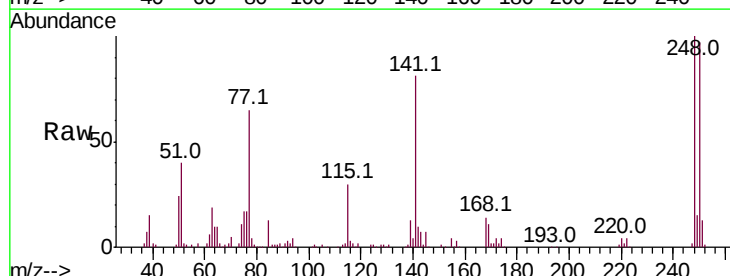


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

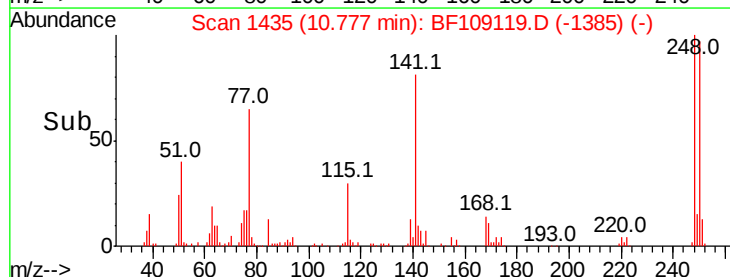
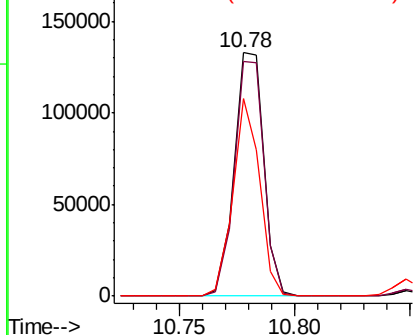


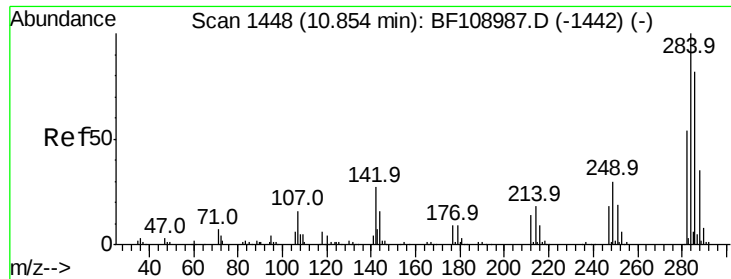
#66
 4-Bromophenyl-phenylether
 Concen: 38.776 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion:248 Resp: 119112
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 81.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

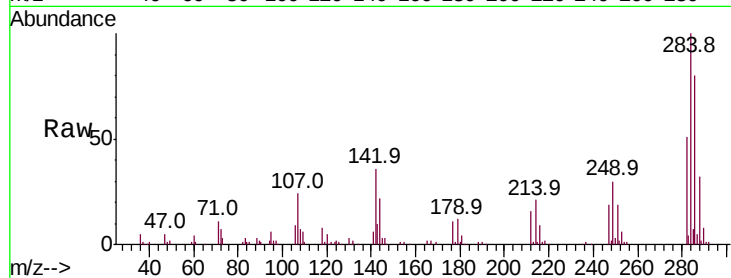




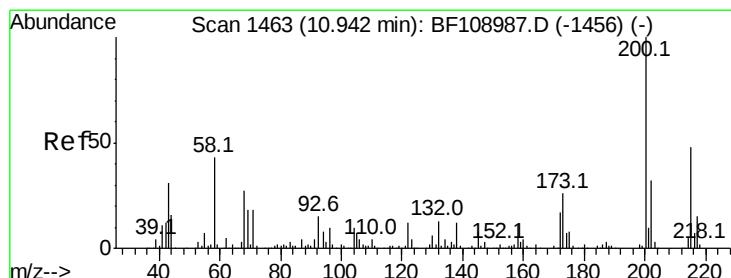
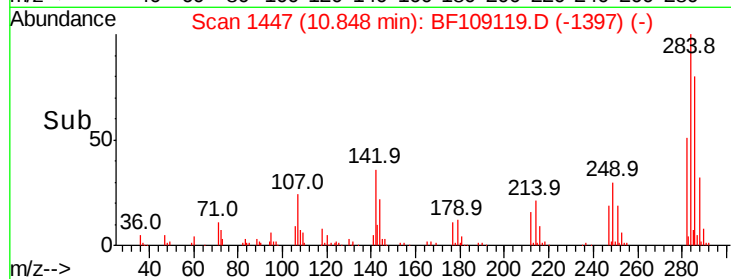
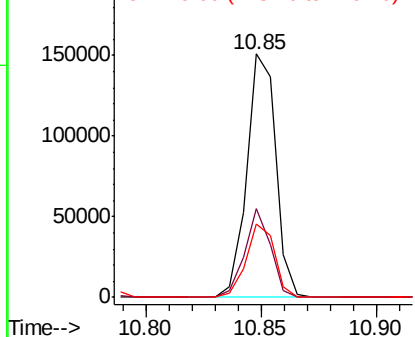
#67
Hexachlorobenzene
Concen: 40.353 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	34.6	52.0
249	30.2	24.8	37.2

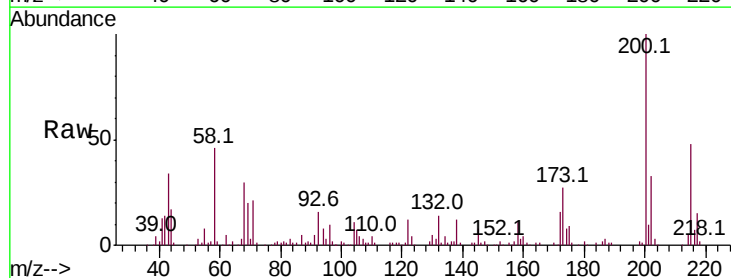


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

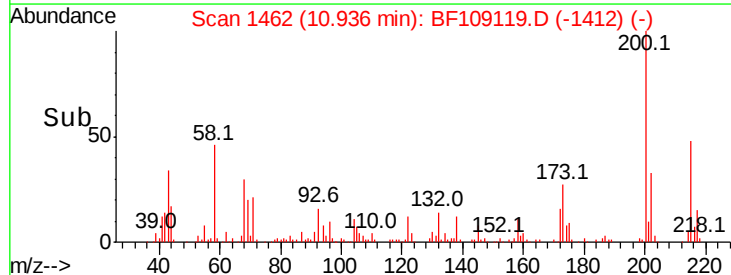
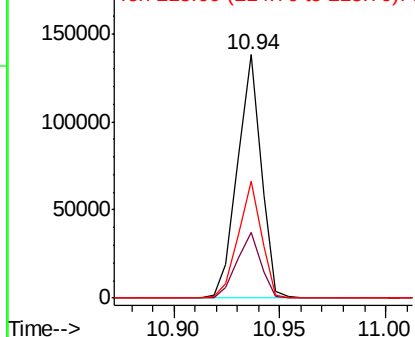


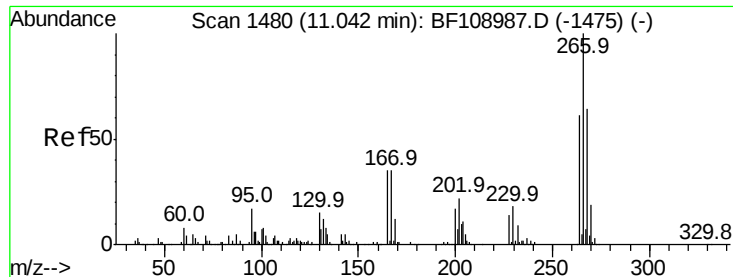
#68
Atrazine
Concen: 37.478 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.6	48.6
215	47.9	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

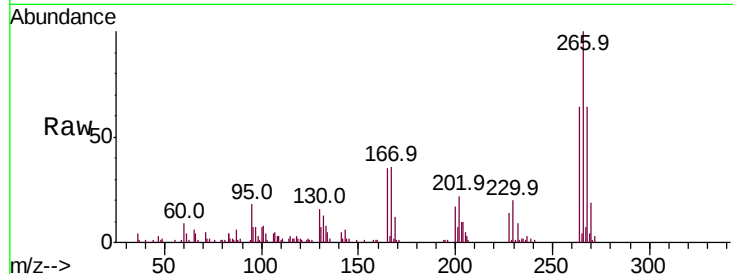




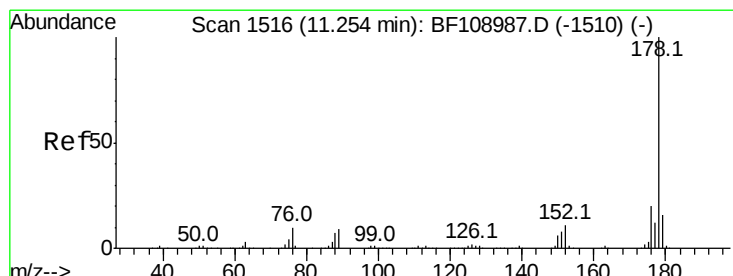
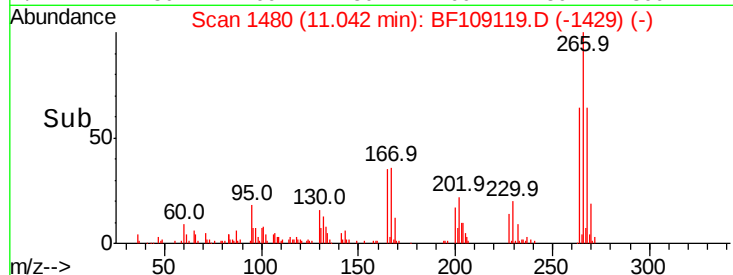
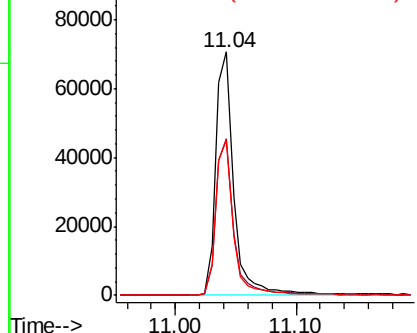
#69
 Pentachlorophenol
 Concen: 34.644 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.7	49.5	74.3

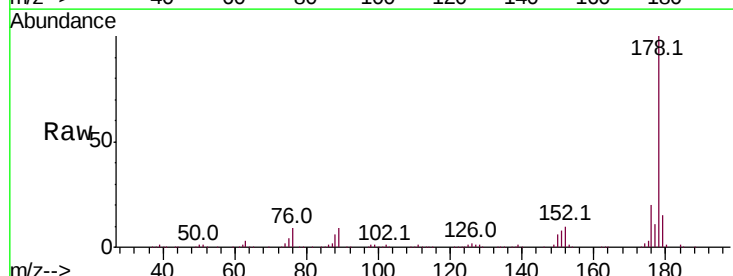


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

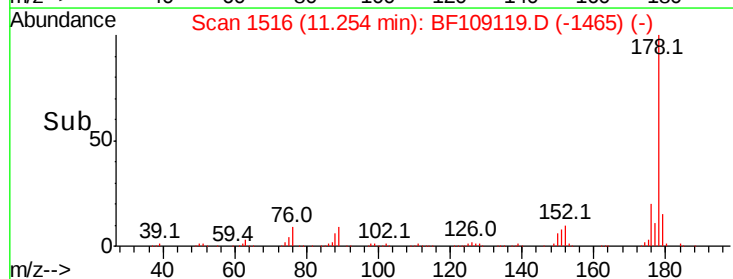
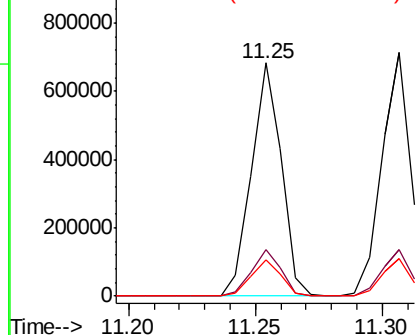


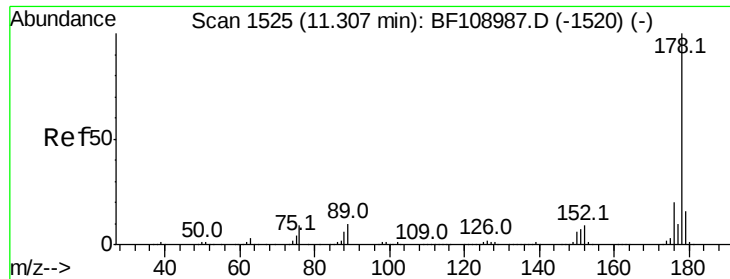
#70
 Phenanthrene
 Concen: 41.925 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.974 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampled :

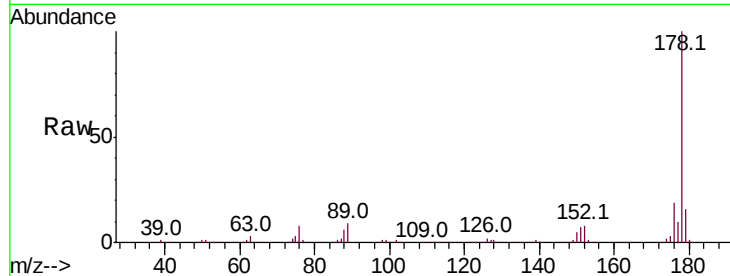
Tot Ion:178 Resp: 568325

Ion Ratio Lower Upper

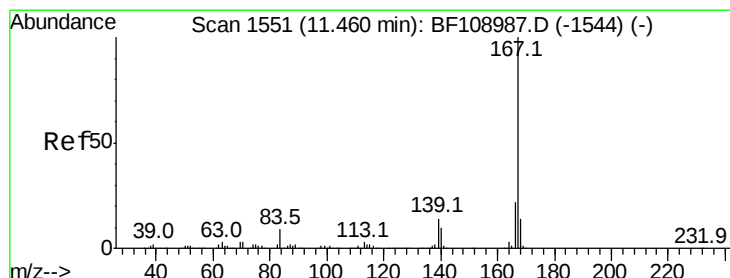
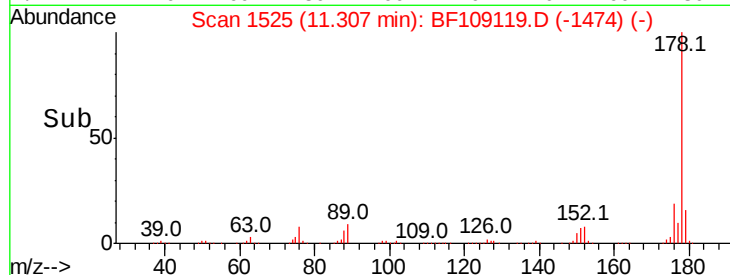
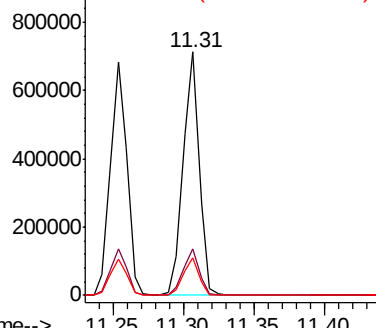
178 100

176 19.1 15.4 23.2

179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.233 ng

RT: 11.46 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

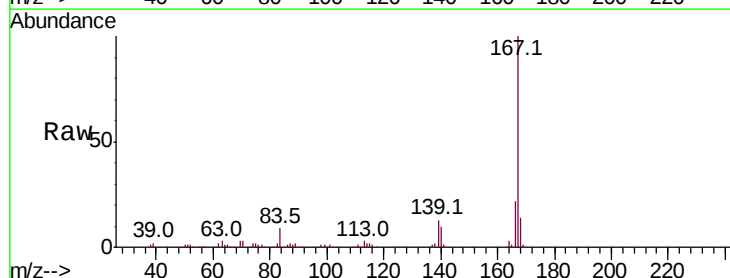
Tgt Ion:167 Resp: 579464

Ion Ratio Lower Upper

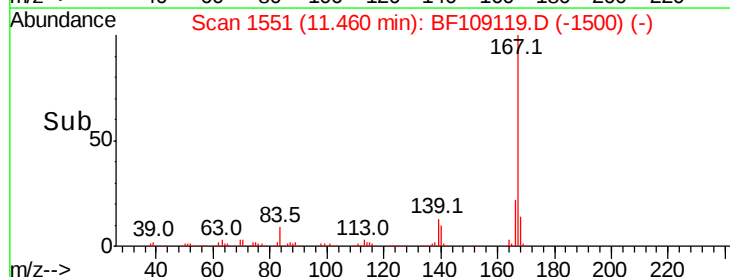
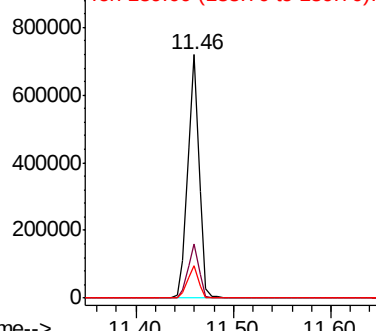
167 100

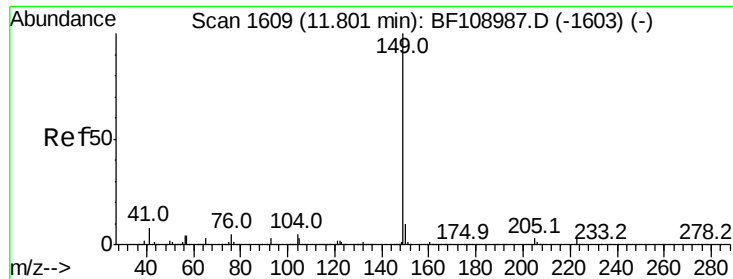
166 22.5 17.6 26.4

139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

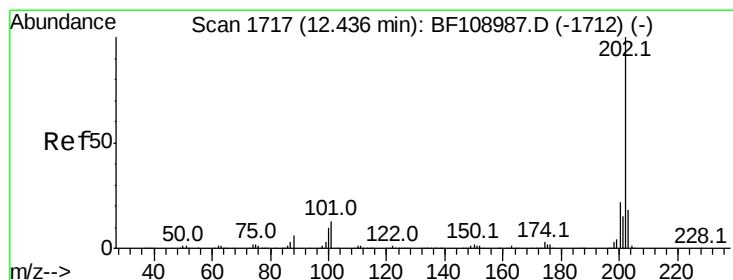
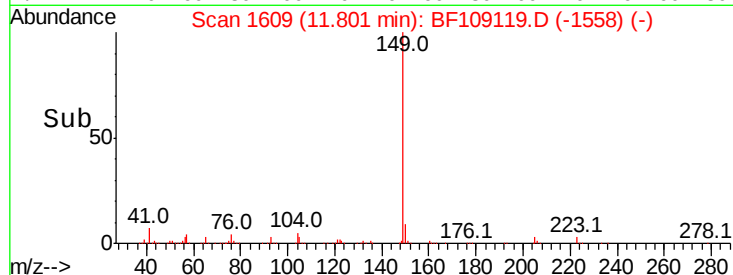
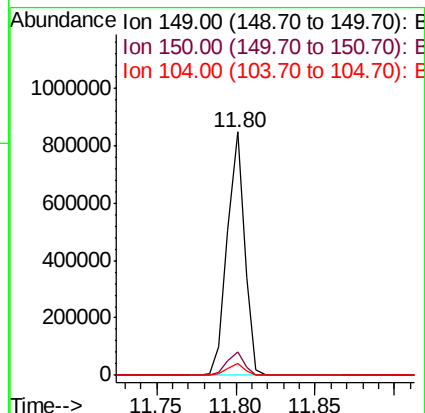
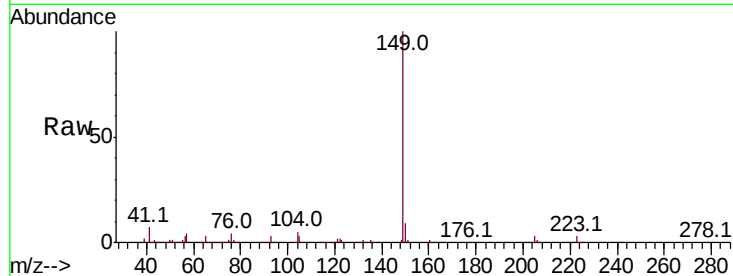




#73
Di-n-butylphthalate
Concen: 40.985 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

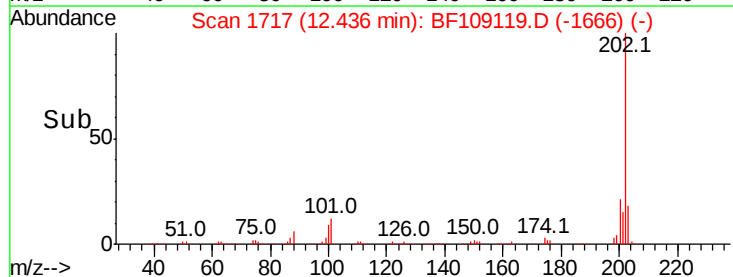
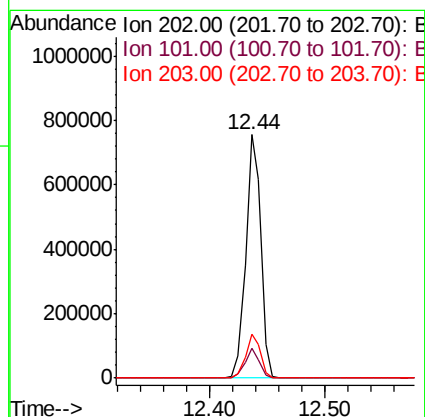
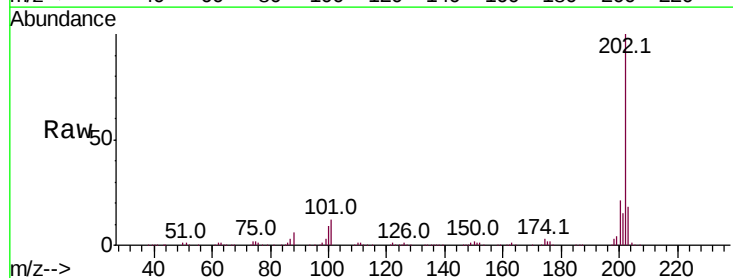
Instrument :
BNA_F
ClientSampleId :

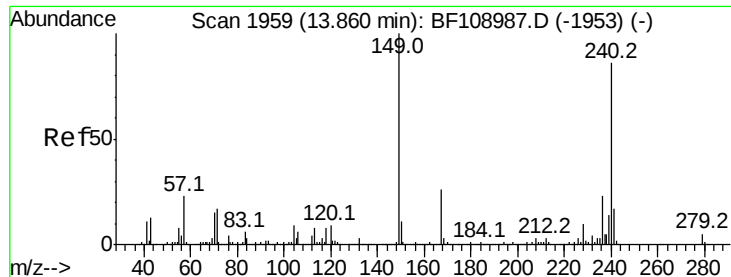
Tot Ion:149 Resp: 643031
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 48.025 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion:202 Resp: 677198
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

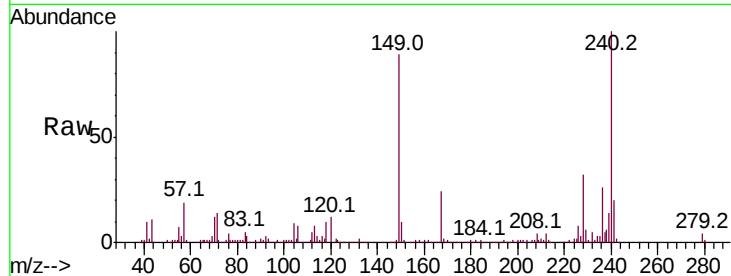
Tot Ion:240 Resp: 295247

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

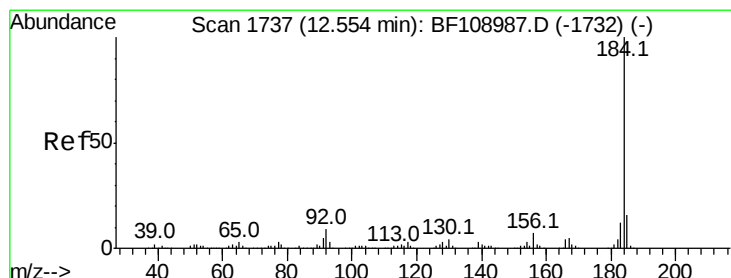
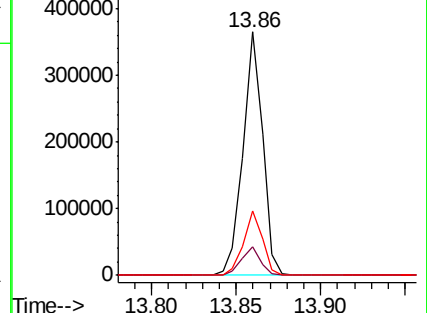
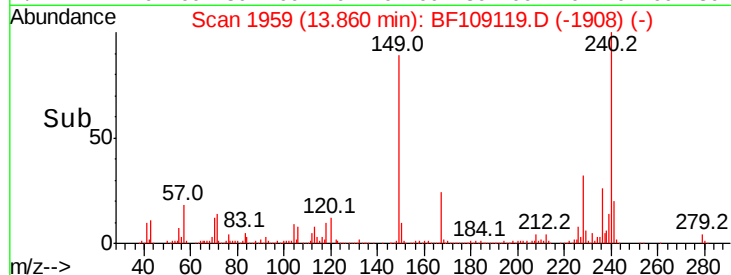
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.512 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

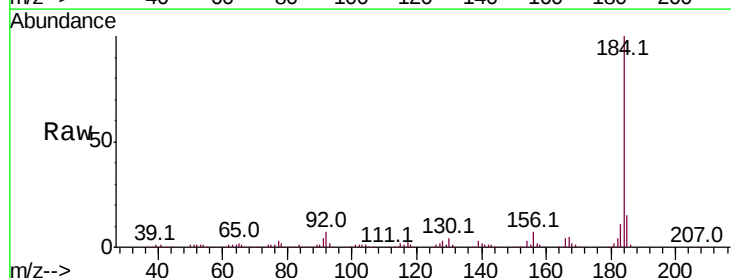
Tgt Ion:184 Resp: 392047

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

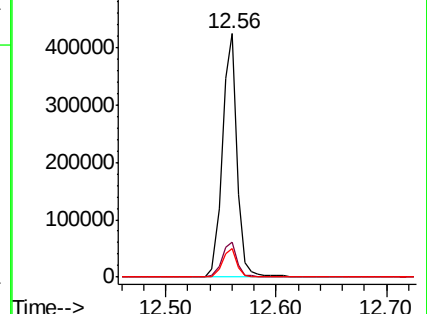
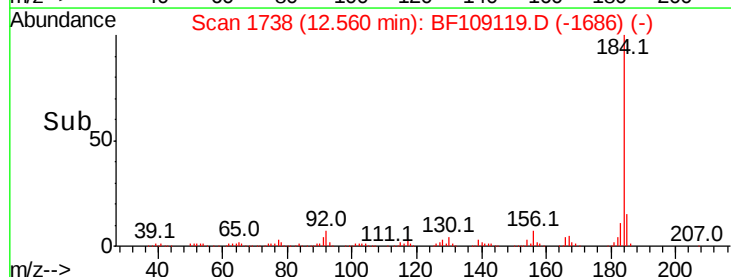
183 11.5 9.3 13.9

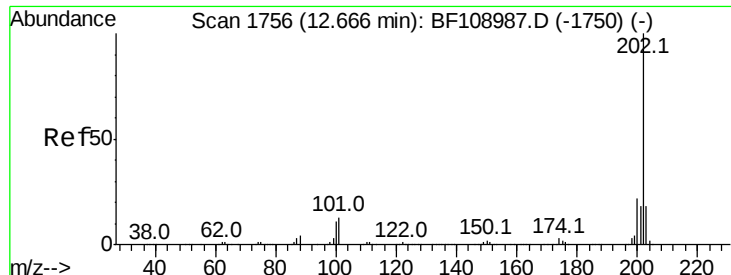


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.632 ng

RT: 12.67 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampled :

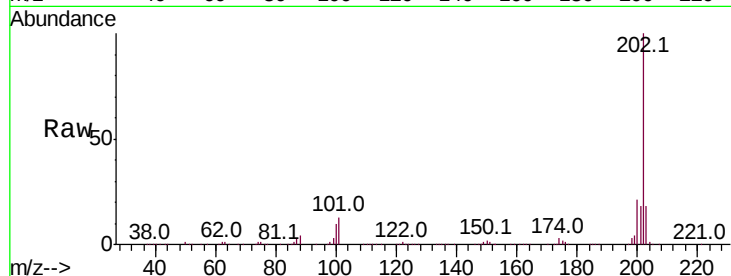
Tot Ion:202 Resp: 715631

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

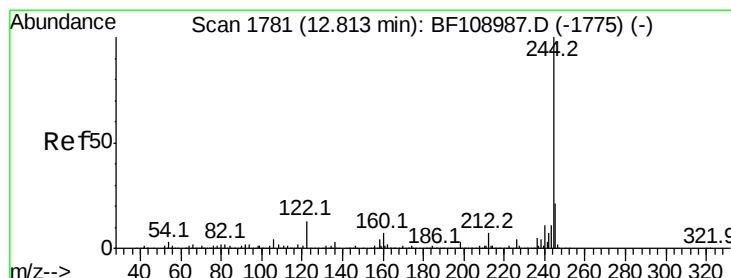
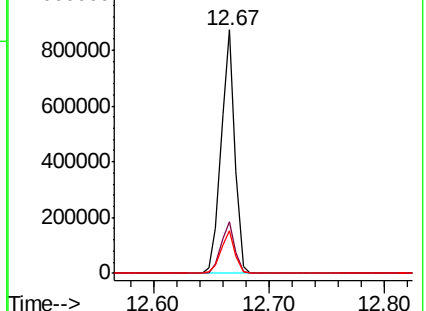
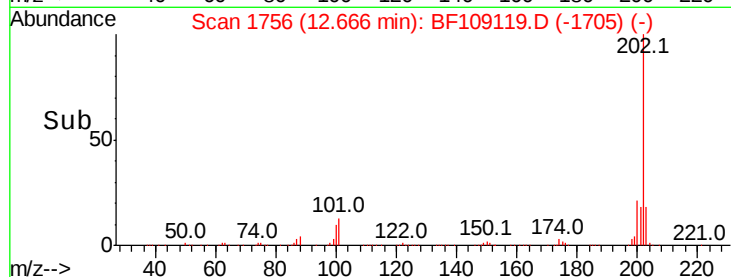
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.599 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

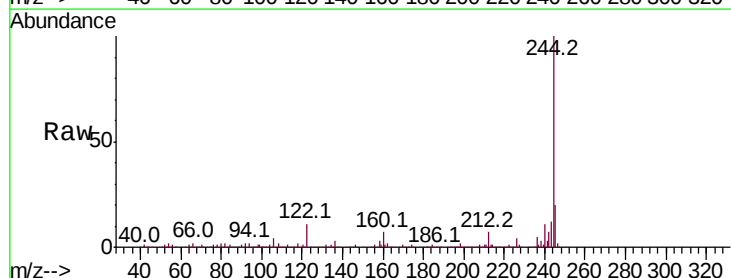
Tgt Ion:244 Resp: 817121

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

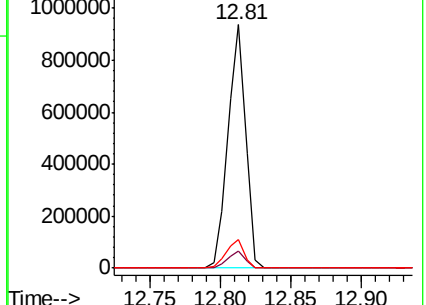
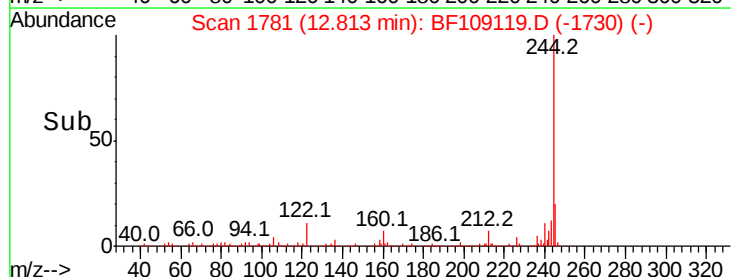
122 11.5 11.0 16.4

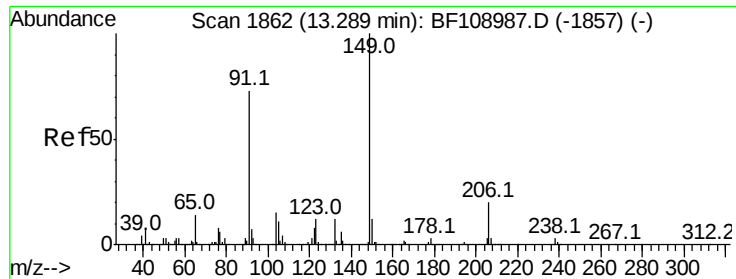


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

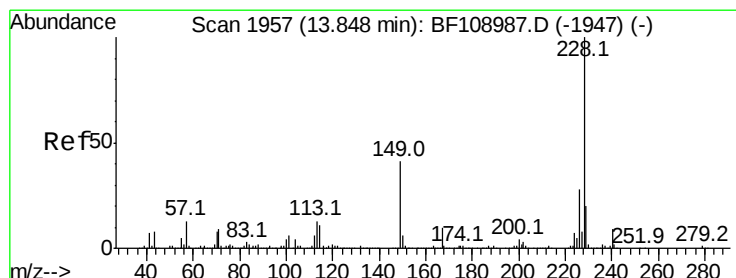
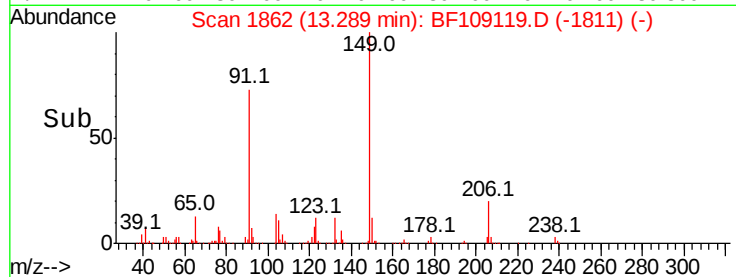
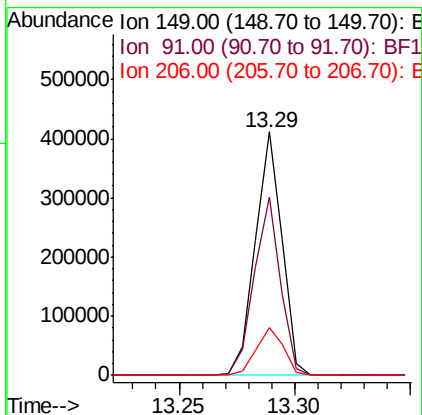
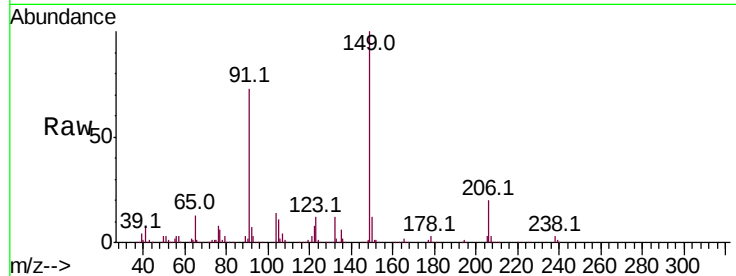




#79
 Butylbenzylphthalate
 Concen: 34.068 ng
 RT: 13.29 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

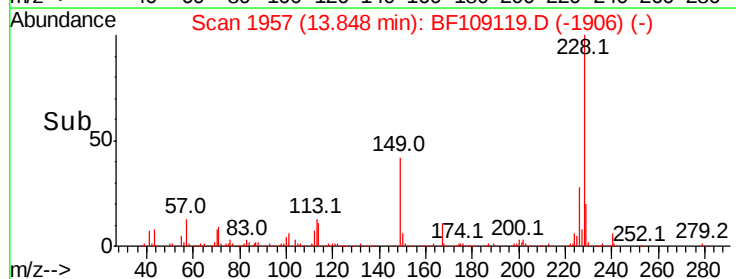
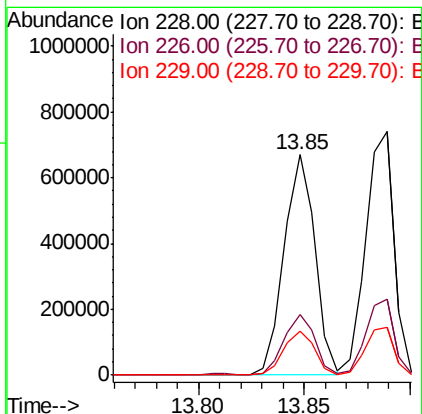
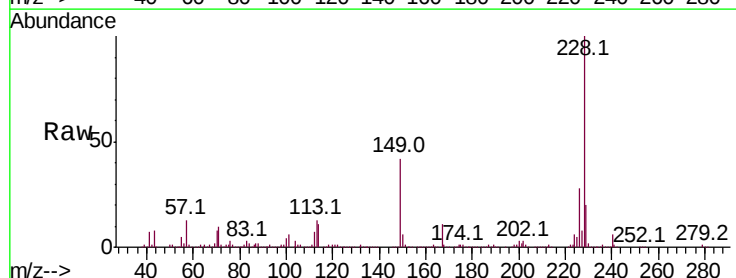
Instrument :
 BNA_F
 ClientSampled :

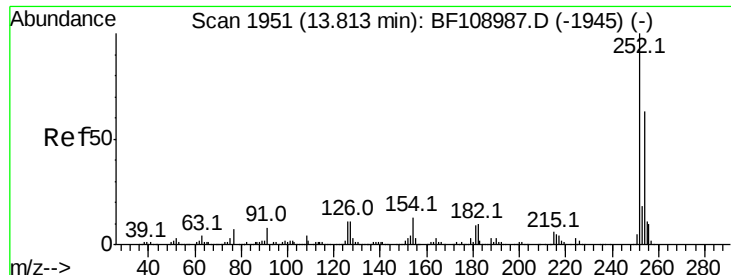
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	56.8	85.2
206	19.7	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 38.278 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	15.8	23.6

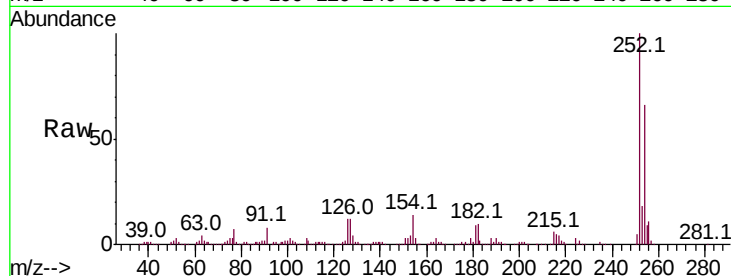




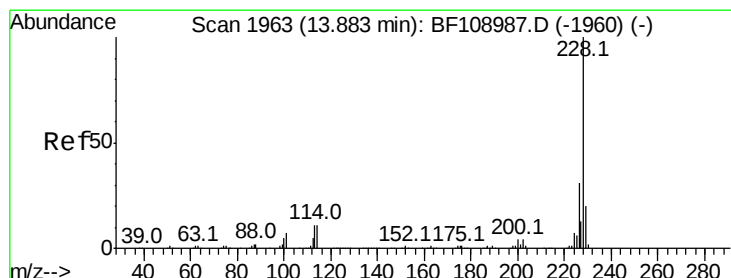
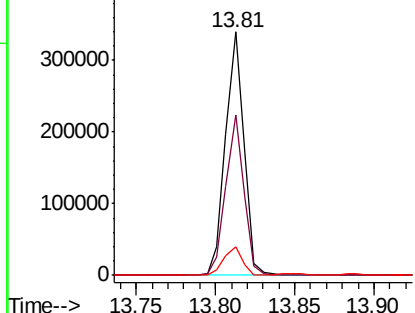
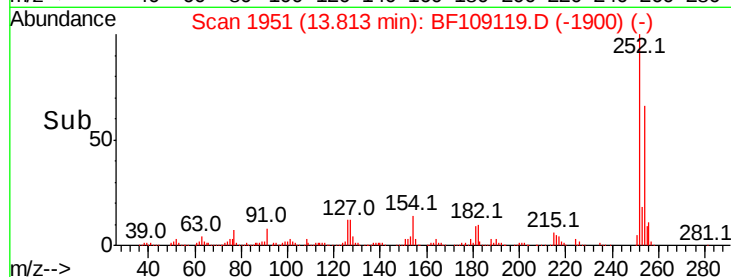
#81
 3,3'-Dichlorobenzidine
 Concen: 38.138 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.4	75.6
126	11.6	11.3	16.9

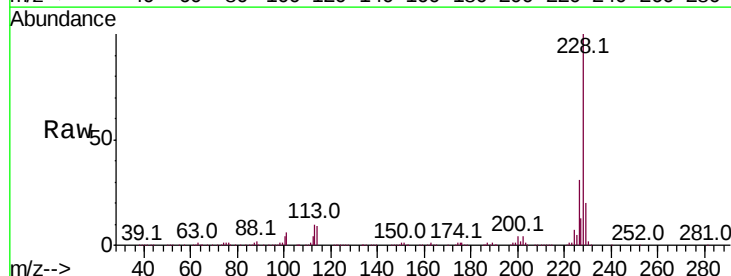


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

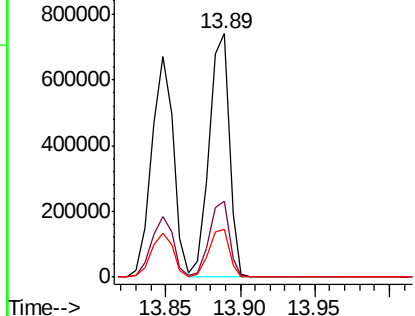
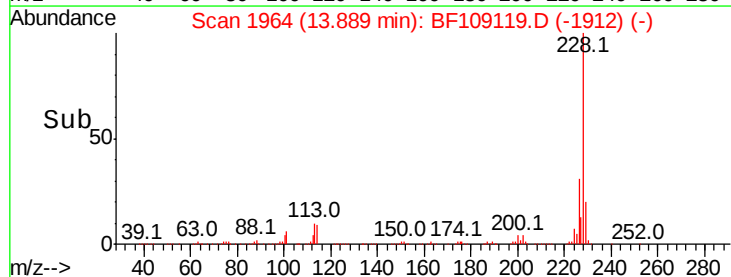


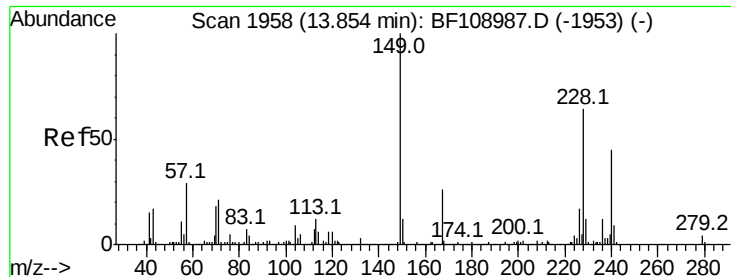
#82
 Chrysene
 Concen: 38.633 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

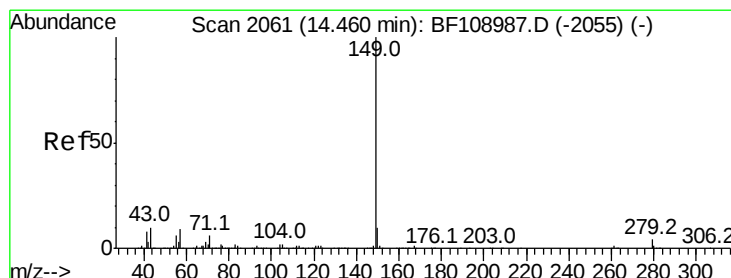
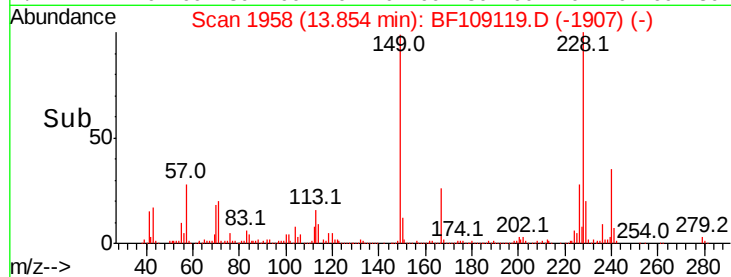
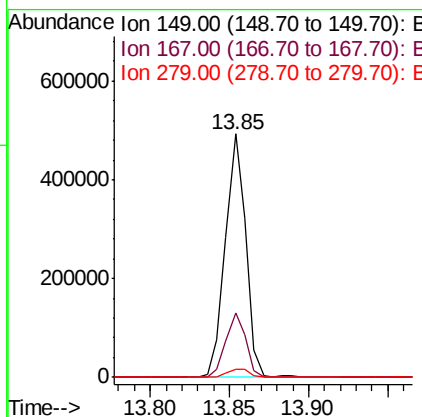
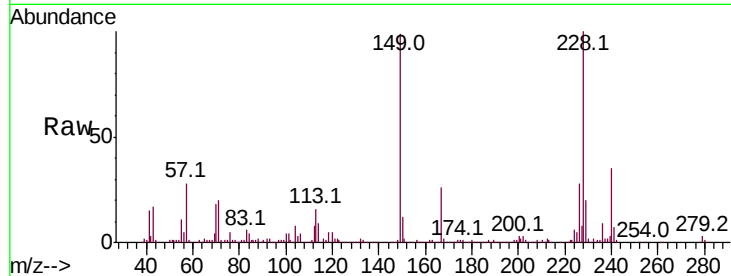




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.192 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

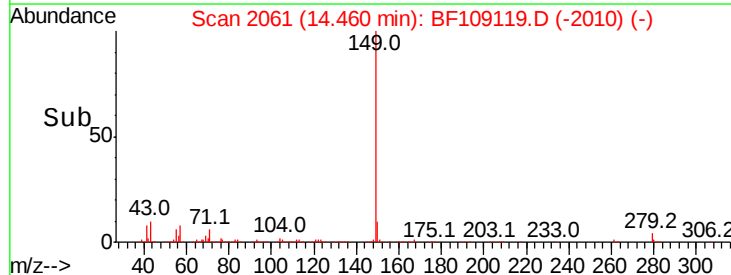
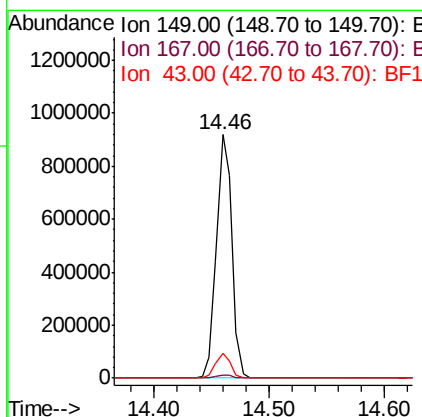
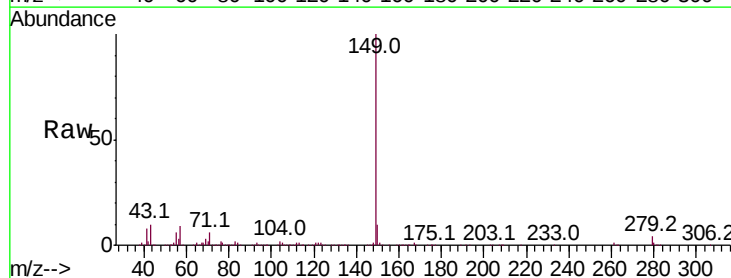
Instrument :
 BNA_F
 ClientSampleId :

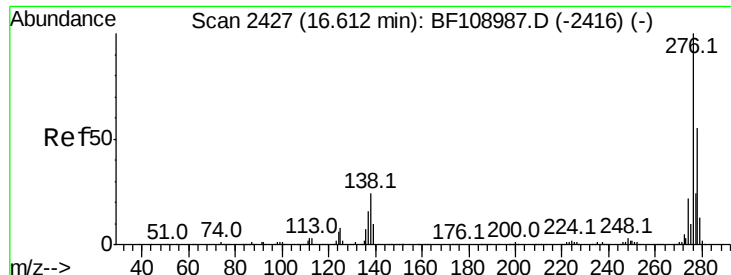
Tot Ion:149	Resp:	441102
Ion	Ratio	Lower Upper
149	100	
167	26.6	21.3 31.9
279	3.4	3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 42.177 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion:149	Resp:	848360
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	9.8	8.4 12.6

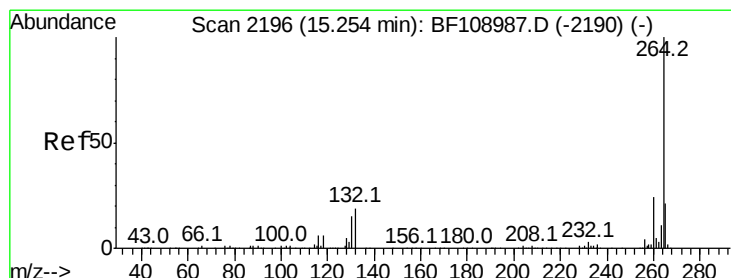
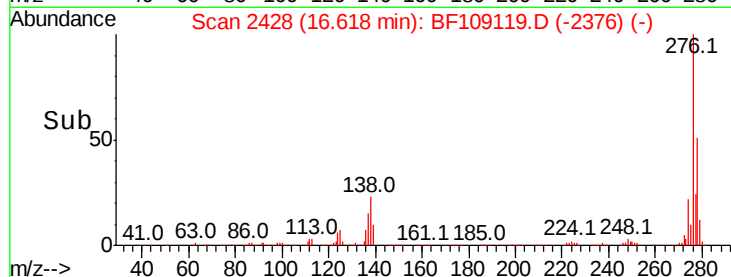
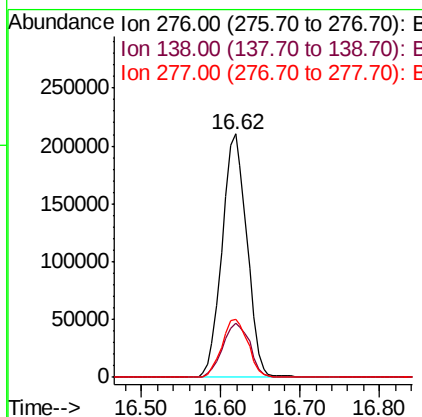
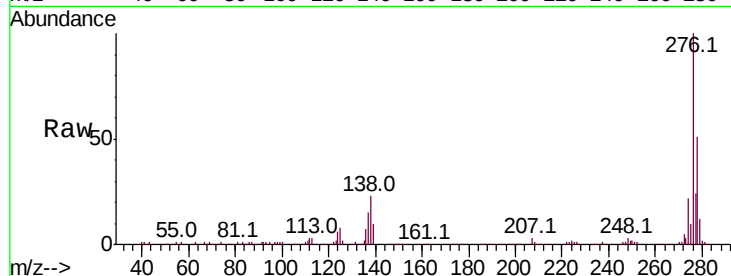




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.896 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

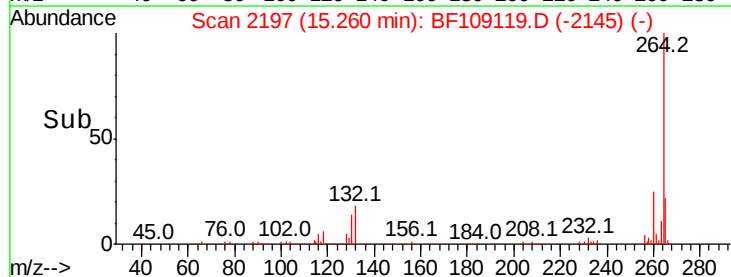
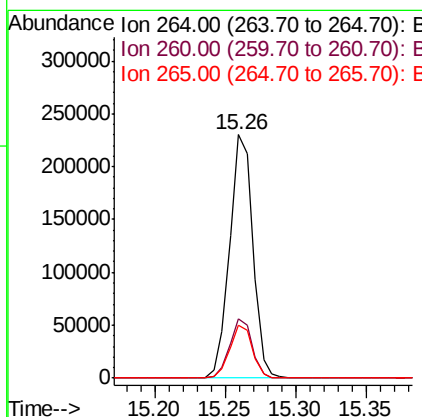
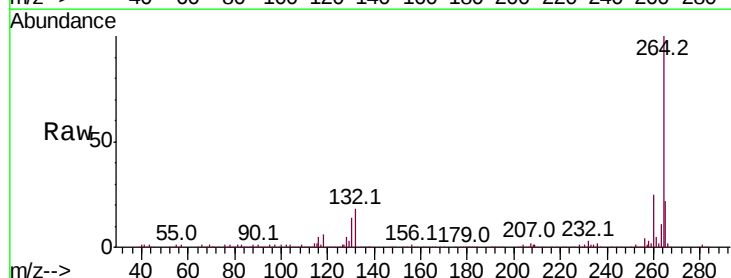
Instrument :
 BNA_F
 ClientSampleId :

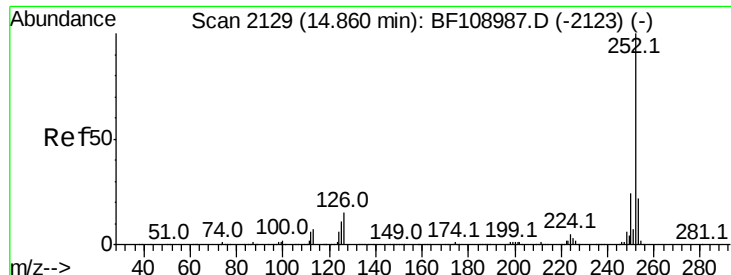
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109119.D
 Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3

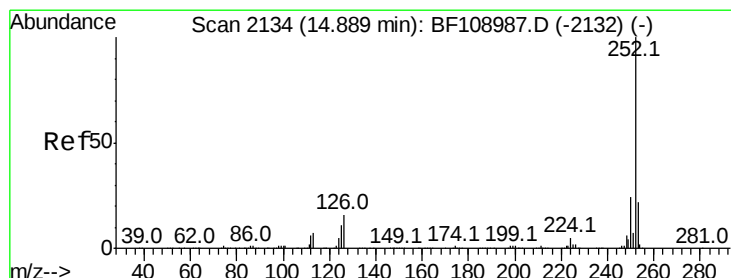
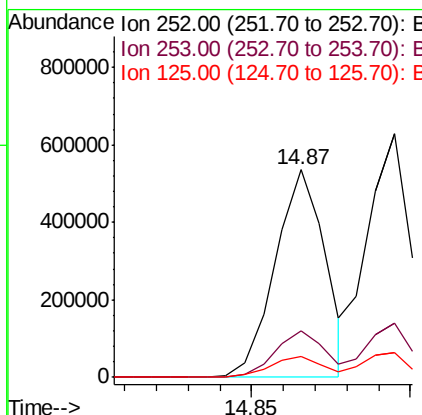
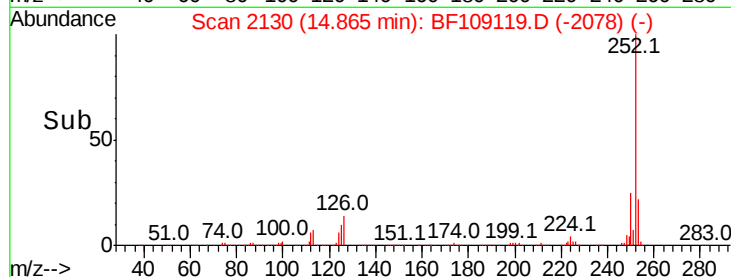
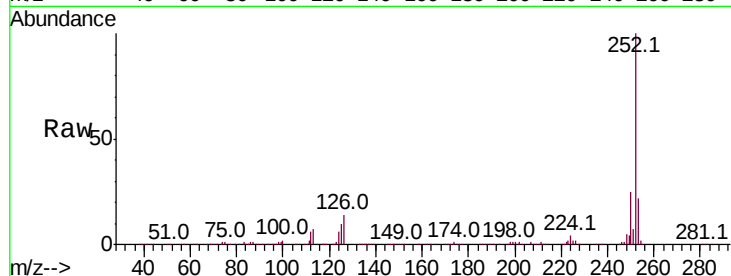




#87
Benzo(b)fluoranthene
Concen: 40.526 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

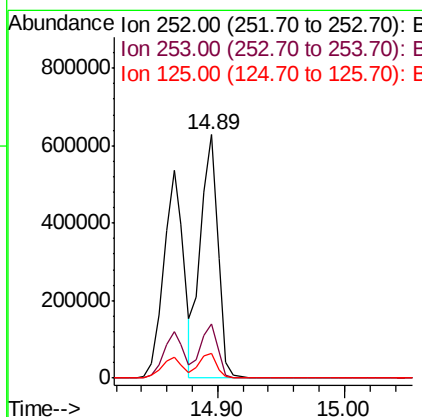
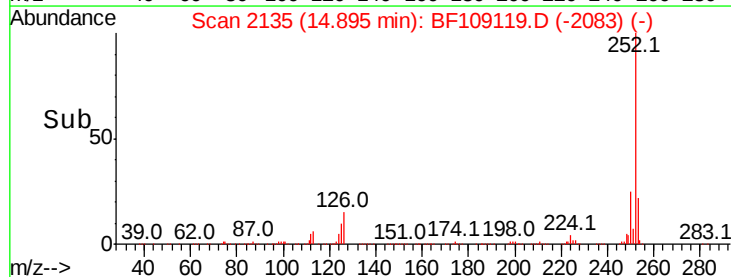
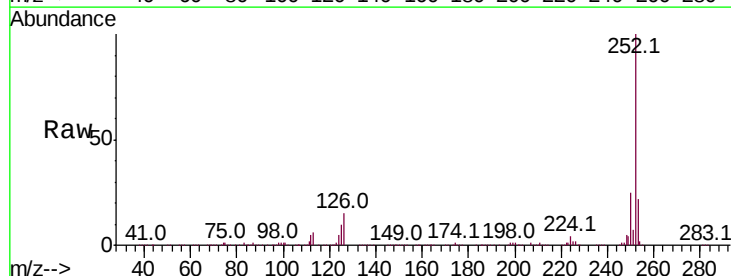
Instrument :
BNA_F
ClientSampleId :

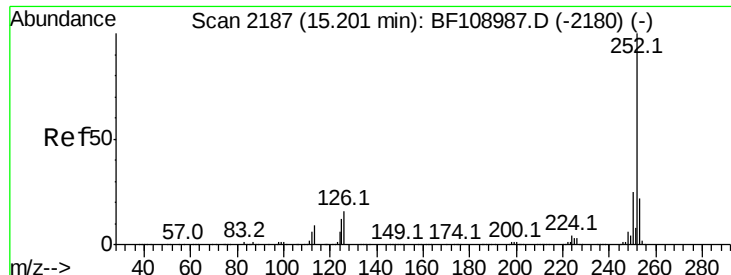
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 43.551 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.0	10.2	15.2#

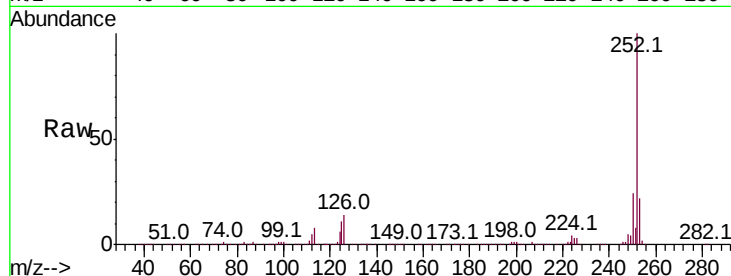




#89
Benzo(a)pyrene
Concen: 40.417 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.5	9.8	14.6

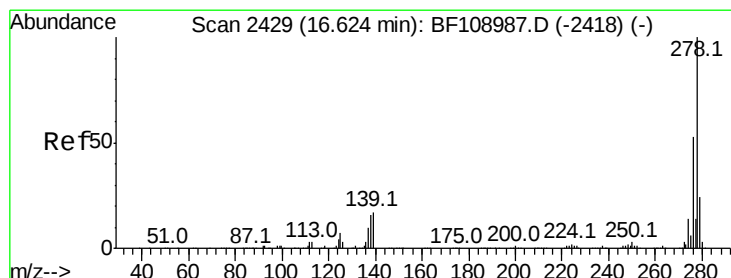
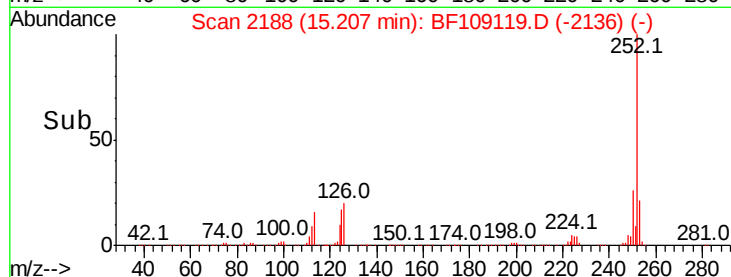
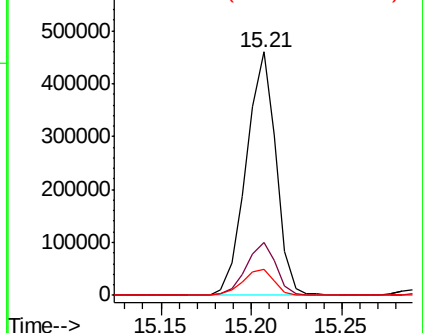


Abundance

Ion 252.00 (251.70 to 252.70): E

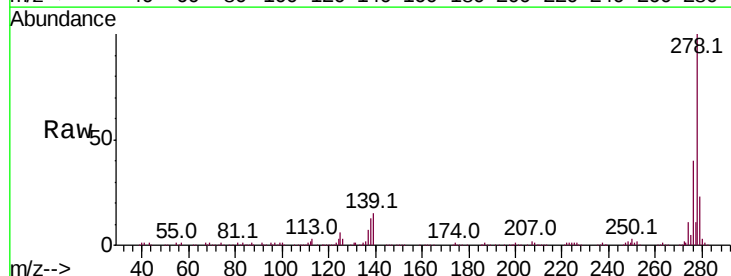
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 35.722 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BF109119.D
Acq: 19 Sep 2018 2:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	23.5	19.0	28.4

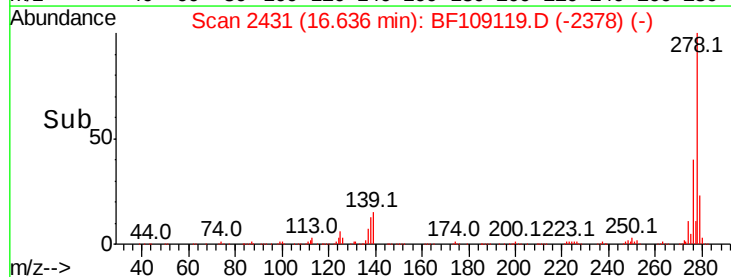
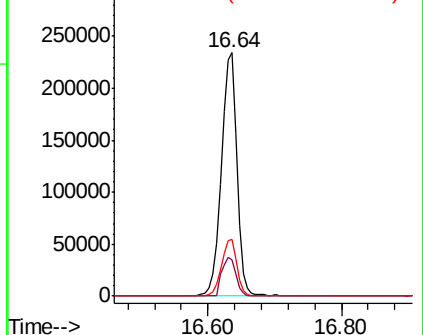


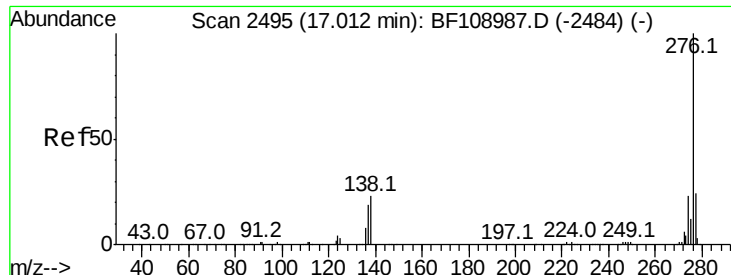
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.354 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109119.D

Acq: 19 Sep 2018 2:20

Instrument :

BNA_F

ClientSampleId :

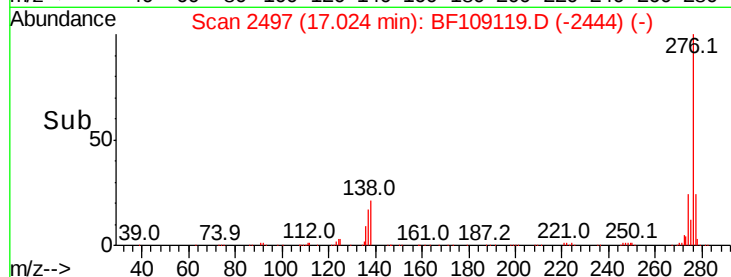
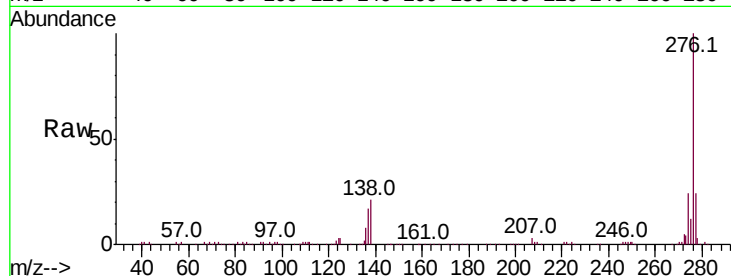
Tot Ion:276 Resp: 363358

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 21.3 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

250000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

200000

150000

100000

50000

0

16.90 17.02 17.10

Time-->